

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012674.D
 Acq On : 21 Feb 2023 15:12
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 01:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:01:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	118261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7458	5.340	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.680%#		
35) Dibromofluoromethane	7.716	113	6490	5.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.160%#		
50) Toluene-d8	10.179	98	24514	5.120	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.240%#		
62) 4-Bromofluorobenzene	12.483	95	7854	5.126	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6759	5.559	ug/l	92
3) Chloromethane	2.113	50	10095	3.530	ug/l	99
4) Vinyl Chloride	2.253	62	7272	5.413	ug/l	94
5) Bromomethane	2.656	94	3865	5.253	ug/l	81
6) Chloroethane	2.790	64	4930	5.765	ug/l #	77
7) Trichlorofluoromethane	3.131	101	11900	5.495	ug/l	97
8) Diethyl Ether	3.534	74	3812	4.917	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	7103	5.489	ug/l	99
10) Methyl Iodide	4.094	142	8760	5.170	ug/l	98
11) Tert butyl alcohol	4.942	59	4928	32.255	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	6640	5.315	ug/l	87
13) Acrolein	3.729	56	4002	20.731	ug/l	94
14) Allyl chloride	4.485	41	12668	5.225	ug/l	99
15) Acrylonitrile	5.161	53	9823	23.815	ug/l	98
16) Acetone	3.948	43	11227	24.634	ug/l	100
17) Carbon Disulfide	4.198	76	22989	5.468	ug/l	99
18) Methyl Acetate	4.472	43	7162	4.878	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	15940	4.743	ug/l	96
20) Methylene Chloride	4.710	84	13019	3.590	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	7198	5.297	ug/l	93
22) Diisopropyl ether	6.125	45	22844	5.049	ug/l	98
23) Vinyl Acetate	6.058	43	65458	23.359	ug/l	99
24) 1,1-Dichloroethane	6.015	63	13490	5.377	ug/l	97
25) 2-Butanone	6.984	43	14129	23.358	ug/l	96
26) 2,2-Dichloropropane	6.978	77	11900	5.437	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	7777	5.230	ug/l	98
28) Bromochloromethane	7.326	49	4597	4.576	ug/l #	97
29) Tetrahydrofuran	7.350	42	8085	21.893	ug/l	96
30) Chloroform	7.508	83	12977	5.338	ug/l	93
31) Cyclohexane	7.789	56	14676	6.048	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	11894	5.405	ug/l	97
36) 1,1-Dichloropropene	7.923	75	10682	5.273	ug/l	98
37) Ethyl Acetate	7.070	43	6667	4.878	ug/l	98
38) Carbon Tetrachloride	7.893	117	11378	5.432	ug/l	94
39) Methylcyclohexane	9.185	83	12062	5.162	ug/l	98
40) Benzene	8.161	78	29432	5.205	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	3197m	4.802	ug/l	
42) 1,2-Dichloroethane	8.234	62	8591	4.900	ug/l	100
43) Isopropyl Acetate	8.271	43	10382	4.396	ug/l #	91
44) Trichloroethene	8.941	130	7631	5.220	ug/l	97
45) 1,2-Dichloropropane	9.216	63	7364	5.063	ug/l	97
46) Dibromomethane	9.307	93	3907	4.866	ug/l	98
47) Bromodichloromethane	9.496	83	9652	4.994	ug/l	97
48) Methyl methacrylate	9.295	41	5044	4.576	ug/l	95
49) 1,4-Dioxane	9.307	88	720	127.477	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	27441	21.538	ug/l	99
52) Toluene	10.246	92	16842	5.027	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	9687	4.796	ug/l	91
54) cis-1,3-Dichloropropene	9.935	75	11300	4.944	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	5572	5.110	ug/l #	89
56) Ethyl methacrylate	10.508	69	6213	4.172	ug/l	98
57) 1,3-Dichloropropane	10.788	76	9661	5.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	12939	11.875	ug/l	98
59) 2-Hexanone	10.831	43	18716	20.722	ug/l	94
60) Dibromochloromethane	10.983	129	6531	4.943	ug/l	99
61) 1,2-Dibromoethane	11.087	107	4996	4.782	ug/l	95
64) Tetrachloroethene	10.721	164	6441	5.338	ug/l	88
65) Chlorobenzene	11.514	112	18913	5.316	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.593	131	6655	5.048	ug/l	98
67) Ethyl Benzene	11.593	91	32269	5.075	ug/l	99
68) m/p-Xylenes	11.703	106	24556	10.123	ug/l	100
69) o-Xylene	12.032	106	11198	4.984	ug/l	96
70) Styrene	12.044	104	17847	4.739	ug/l	99
71) Bromoform	12.209	173	3958	4.705	ug/l #	91
73) Isopropylbenzene	12.331	105	29993	5.012	ug/l	99
74) N-amyl acetate	12.148	43	8663	4.404	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6689	4.971	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	4949m	5.070	ug/l	
77) Bromobenzene	12.611	156	7231	5.043	ug/l	99
78) n-propylbenzene	12.672	91	39049	5.217	ug/l	99
79) 2-Chlorotoluene	12.758	91	21711	5.221	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26324	5.266	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	2125	4.459	ug/l	95
82) 4-Chlorotoluene	12.861	91	22452	5.206	ug/l	99
83) tert-Butylbenzene	13.075	119	21685	5.080	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	24501	5.014	ug/l	99
85) sec-Butylbenzene	13.257	105	34292	5.280	ug/l	100
86) p-Isopropyltoluene	13.373	119	26982	5.044	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	15321	5.455	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	16343	5.738	ug/l	97
89) n-Butylbenzene	13.696	91	26901	5.251	ug/l	97
90) Hexachloroethane	13.965	117	6105	5.624	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	13611	5.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1017	4.598	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	8535	5.380	ug/l	100
94) Hexachlorobutadiene	15.117	225	5626	5.876	ug/l	95
95) Naphthalene	15.239	128	14449	4.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	7380	5.256	ug/l	97

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :Krupa Patel 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Abundance

TIC: VY012674.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chloromethane-P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane,T
Diethyl Ether,T
Acrolein,T
1,1-Dichloroethane,T
Acetone,T
Methyl sulfide,T
Methyl acetate,T
Methylene Chloride,T
Tert butyl alcohol,T
Acrylonitrile,T
1,1-Dichloroethane,P
Disobutylene,T
Ethyl Acetate,T
2,2-Dichloropropane,T
Bromochloromethane,T
Chloroform,C
Dichlorodifluoromethane,S
1,1-Dichloroethane,T
1,2-Dichloroethane,T
Isobutylene,T
1,4-Difluorobenzene,I
Trichloroethene TM
1,2-Dichlorobenzene,T
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-pentanone,T
1-Pentanol,T
Ethyl acetate,T
1,1,2-Trichloroethane,T
1,3-Dichloropropane,T
1,2-Dibromomethane,T
Chlorobenzene,T
Chlorobenzene-d5,I
Chlorobenzene-d4,I
Bromochloroacetate,T
trans-1,4-Dichloro-2-isopropylbenzene,S
1,2,3-Trichlorobenzene,T
4-Chlorobenzonitrile,T
tert-Butylbenzene,T
sec-Butylbenzene,T
1,2-Dichlorobenzene,T
Hexachloroethane,T
1,2-Dibromo-3-Chloropropane,T
1,2,4-Trichlorobenzene,T
Hexachlorobutadiene,T
Naphthalene,I
1,2,3-Trichlorobenzene,T