

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012952.D
 Acq On : 15 Mar 2023 11:05
 Operator : KP/MD
 Sample : VY0315SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

Quant Time: Mar 16 00:17:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44101	45.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.860%		
35) Dibromofluoromethane	7.716	113	43266	48.060	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.120%		
50) Toluene-d8	10.179	98	148973	45.265	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.540%		
62) 4-Bromofluorobenzene	12.483	95	53589	48.242	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20086	20.844	ug/l	95
3) Chloromethane	2.113	50	22646	19.658	ug/l	99
4) Vinyl Chloride	2.253	62	21556	20.405	ug/l	98
5) Bromomethane	2.643	94	13387	20.855	ug/l	97
6) Chloroethane	2.790	64	13808	21.825	ug/l	99
7) Trichlorofluoromethane	3.125	101	37963	21.637	ug/l	94
8) Diethyl Ether	3.527	74	12658	20.587	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	22874	21.669	ug/l	96
10) Methyl Iodide	4.094	142	26694	19.408	ug/l	95
11) Tert butyl alcohol	4.954	59	14078	115.246	ug/l	97
12) 1,1-Dichloroethene	3.875	96	21723	21.577	ug/l	98
13) Acrolein	3.729	56	13807	81.187	ug/l	99
14) Allyl chloride	4.478	41	36132	19.429	ug/l	98
15) Acrylonitrile	5.161	53	33528	103.493	ug/l	99
16) Acetone	3.942	43	39517	103.718	ug/l	97
17) Carbon Disulfide	4.192	76	66359	19.364	ug/l	98
18) Methyl Acetate	4.485	43	21497	18.947	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	54324	20.890	ug/l	97
20) Methylene Chloride	4.716	84	27630	20.606	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	22971	20.996	ug/l	98
22) Diisopropyl ether	6.118	45	70411	20.845	ug/l	95
23) Vinyl Acetate	6.064	43	214482	102.195	ug/l	100
24) 1,1-Dichloroethane	6.021	63	41453	21.537	ug/l	99
25) 2-Butanone	6.984	43	49320	104.513	ug/l	97
26) 2,2-Dichloropropane	6.984	77	37399	21.877	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25622	21.844	ug/l	97
28) Bromochloromethane	7.338	49	15519	22.063	ug/l	98
29) Tetrahydrofuran	7.344	42	28872	101.442	ug/l	98
30) Chloroform	7.508	83	42108	22.148	ug/l	100
31) Cyclohexane	7.783	56	36450	19.607	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	38003	22.104	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32114	21.287	ug/l	99
37) Ethyl Acetate	7.076	43	19282	20.279	ug/l	99
38) Carbon Tetrachloride	7.899	117	35700	22.916	ug/l	94
39) Methylcyclohexane	9.185	83	36660	20.440	ug/l	97
40) Benzene	8.161	78	93675	21.951	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11807	23.047	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	28354	22.100	ug/l	99
43) Isopropyl Acetate	8.277	43	35256	20.782	ug/l	97
44) Trichloroethene	8.941	130	24775	22.020	ug/l	92
45) 1,2-Dichloropropane	9.215	63	23445	21.739	ug/l	94
46) Dibromomethane	9.307	93	13959	22.719	ug/l	98
47) Bromodichloromethane	9.496	83	32500	22.446	ug/l	94
48) Methyl methacrylate	9.295	41	15916	20.361	ug/l	96
49) 1,4-Dioxane	9.295	88	3474	437.369	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	98519	107.061	ug/l	100
52) Toluene	10.246	92	56960	22.132	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	33135	21.818	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	37526	21.830	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	19113	22.337	ug/l	97
56) Ethyl methacrylate	10.514	69	23987	21.024	ug/l	96
57) 1,3-Dichloropropane	10.788	76	32545	22.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	65768	109.805	ug/l	100
59) 2-Hexanone	10.831	43	72005	107.664	ug/l	100
60) Dibromochloromethane	10.983	129	23779	22.829	ug/l	100
61) 1,2-Dibromoethane	11.093	107	18031	21.875	ug/l	99
64) Tetrachloroethene	10.721	164	22477	23.034	ug/l	96
65) Chlorobenzene	11.520	112	62198	22.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23676	22.747	ug/l	100
67) Ethyl Benzene	11.593	91	108193	21.877	ug/l	98
68) m/p-Xylenes	11.703	106	84590	44.462	ug/l	99
69) o-Xylene	12.032	106	39519	22.257	ug/l	95
70) Styrene	12.044	104	67272	22.704	ug/l	100
71) Bromoform	12.209	173	15517	22.865	ug/l #	94
73) Isopropylbenzene	12.331	105	104691	20.755	ug/l	100
74) N-amyl acetate	12.142	43	30317	19.102	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	23871	21.052	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	15457m	18.186	ug/l	
77) Bromobenzene	12.611	156	25625	20.912	ug/l	98
78) n-propylbenzene	12.672	91	132039	21.232	ug/l	99
79) 2-Chlorotoluene	12.757	91	73813	21.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	88677	21.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8278	20.181	ug/l	98
82) 4-Chlorotoluene	12.855	91	75963	21.231	ug/l	98
83) tert-Butylbenzene	13.074	119	76182	21.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	88138	21.653	ug/l	100
85) sec-Butylbenzene	13.257	105	117161	21.375	ug/l	99
86) p-Isopropyltoluene	13.373	119	95697	21.362	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	51347	21.726	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	51306	21.271	ug/l	98
89) n-Butylbenzene	13.696	91	89615	20.896	ug/l	99
90) Hexachloroethane	13.958	117	20515	21.987	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	46294	21.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3769	20.567	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	26687	20.288	ug/l	97
94) Hexachlorobutadiene	15.111	225	17270	21.526	ug/l	99
95) Naphthalene	15.239	128	50661	19.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	24165	20.656	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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