

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011736.D
 Acq On : 09 Dec 2022 10:29
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 10 03:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	236682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	383160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11868	6.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.340%#		
35) Dibromofluoromethane	7.722	113	11284	5.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.680%#		
50) Toluene-d8	10.179	98	40741	6.010	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	12.020%#		
62) 4-Bromofluorobenzene	12.483	95	16570	6.366	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	12.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	8292	6.418	ug/l	95
3) Chloromethane	2.113	50	8727	6.029	ug/l	97
4) Vinyl Chloride	2.253	62	10075	5.946	ug/l	95
5) Bromomethane	2.656	94	7432	6.357	ug/l	92
6) Chloroethane	2.796	64	6634	5.652	ug/l	95
7) Trichlorofluoromethane	3.131	101	19280	5.926	ug/l	98
8) Diethyl Ether	3.528	74	6446	5.656	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	11623	5.984	ug/l	99
10) Methyl Iodide	4.095	142	11042	4.856	ug/l	97
11) Tert butyl alcohol	4.942	59	10684	36.921	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	10034	5.728	ug/l	92
13) Acrolein	3.735	56	8331	24.969	ug/l	95
14) Allyl chloride	4.485	41	15534	5.339	ug/l	100
15) Acrylonitrile	5.168	53	15947	26.071	ug/l	98
16) Acetone	3.948	43	16085	24.889	ug/l	97
17) Carbon Disulfide	4.198	76	21944	5.486	ug/l	99
18) Methyl Acetate	4.479	43	14906	8.167	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	28389	5.176	ug/l	99
20) Methylene Chloride	4.716	84	24205	8.172	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	11103	5.640	ug/l	90
22) Diisopropyl ether	6.119	45	32617	5.138	ug/l	95
23) Vinyl Acetate	6.064	43	74720	20.632	ug/l	98
24) 1,1-Dichloroethane	6.021	63	21512	5.577	ug/l	98
25) 2-Butanone	6.990	43	20647	24.837	ug/l	97
26) 2,2-Dichloropropane	6.984	77	20402	5.621	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	12955	5.384	ug/l	95
28) Bromochloromethane	7.332	49	7989	5.689	ug/l	96
29) Tetrahydrofuran	7.350	42	12170	25.721	ug/l	95
30) Chloroform	7.502	83	22790	5.526	ug/l	96
31) Cyclohexane	7.789	56	20059	6.488	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	20006	5.439	ug/l	99
36) 1,1-Dichloropropene	7.917	75	16150	5.554	ug/l	97
37) Ethyl Acetate	7.076	43	9215	5.421	ug/l	99
38) Carbon Tetrachloride	7.899	117	18563	5.435	ug/l	95
39) Methylcyclohexane	9.185	83	17493	5.347	ug/l	93
40) Benzene	8.161	78	46754	5.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4466m	5.199	ug/l	
42) 1,2-Dichloroethane	8.240	62	14645	5.452	ug/l	99
43) Isopropyl Acetate	8.271	43	15103	4.900	ug/l #	91
44) Trichloroethene	8.935	130	13405	5.510	ug/l	97
45) 1,2-Dichloropropane	9.222	63	12049	5.359	ug/l	98
46) Dibromomethane	9.307	93	6796	5.400	ug/l	96
47) Bromodichloromethane	9.496	83	17408	5.354	ug/l	98
48) Methyl methacrylate	9.295	41	6434	4.735	ug/l	96
49) 1,4-Dioxane	9.295	88	1610	92.348	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	40859	24.057	ug/l	99
52) Toluene	10.246	92	29036	5.258	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	16851	5.189	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	19051	5.221	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	10007	5.380	ug/l	98
56) Ethyl methacrylate	10.514	69	10866	4.525	ug/l	94
57) 1,3-Dichloropropane	10.788	76	16054	5.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	27362	24.575	ug/l	100
59) 2-Hexanone	10.837	43	27120	22.349	ug/l	98
60) Dibromochloromethane	10.984	129	12477	5.356	ug/l	97
61) 1,2-Dibromoethane	11.093	107	8789	5.216	ug/l	100
64) Tetrachloroethene	10.721	164	14006	5.780	ug/l	97
65) Chlorobenzene	11.520	112	33535	5.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	12468	5.208	ug/l	96
67) Ethyl Benzene	11.593	91	56165	5.165	ug/l	98
68) m/p-Xylenes	11.703	106	42741	10.263	ug/l	100
69) o-Xylene	12.032	106	19970	5.031	ug/l	100
70) Styrene	12.044	104	33371	4.926	ug/l	99
71) Bromoform	12.209	173	7785	5.272	ug/l #	100
73) Isopropylbenzene	12.331	105	54894	5.094	ug/l	99
74) N-amyl acetate	12.148	43	12043	4.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11331	5.400	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	10763m	5.429	ug/l	
77) Bromobenzene	12.611	156	13115	5.213	ug/l	96
78) n-propylbenzene	12.672	91	68159	5.278	ug/l	97
79) 2-Chlorotoluene	12.758	91	39011	5.293	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	47365	5.200	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	3599	4.854	ug/l	96
82) 4-Chlorotoluene	12.855	91	41122	5.380	ug/l	99
83) tert-Butylbenzene	13.075	119	40655	5.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	46878	5.227	ug/l	99
85) sec-Butylbenzene	13.258	105	62491	5.291	ug/l	99
86) p-Isopropyltoluene	13.373	119	51283	5.217	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	27566	5.445	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	28588	5.681	ug/l	93
89) n-Butylbenzene	13.696	91	46883	5.246	ug/l	99
90) Hexachloroethane	13.965	117	11206	5.737	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	25771	5.656	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1926	5.264	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	13510	5.084	ug/l	98
94) Hexachlorobutadiene	15.111	225	9656	5.719	ug/l	92
95) Naphthalene	15.239	128	23118	4.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	11903	5.186	ug/l	96

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

