

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015777.D
 Acq On : 02 Oct 2023 15:05
 Operator : SY/MD
 Sample : VY1002SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1002SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2023
 Supervised By :Semsettin Yesilyurt 10/03/2023

Quant Time: Oct 03 01:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104086	50.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.716	113	96371	50.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%			
50) Toluene-d8	10.179	98	330279	51.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.477	95	128398	50.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23366	18.842	ug/l	98
3) Chloromethane	2.113	50	29602	18.921	ug/l	97
4) Vinyl Chloride	2.247	62	35319	19.745	ug/l	99
5) Bromomethane	2.625	94	29859	19.352	ug/l	100
6) Chloroethane	2.784	64	27262	20.562	ug/l	96
7) Trichlorofluoromethane	3.113	101	61419	20.474	ug/l	95
8) Diethyl Ether	3.528	74	26950	21.066	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	39193	20.866	ug/l	95
10) Methyl Iodide	4.082	142	39280	19.542	ug/l	98
11) Tert butyl alcohol	4.942	59	105663	246.992	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	33630	20.319	ug/l	95
13) Acrolein	3.723	56	17806	56.167	ug/l	95
14) Allyl chloride	4.466	41	63186	20.880	ug/l	94
15) Acrylonitrile	5.155	53	101636	108.299	ug/l	98
16) Acetone	3.942	43	122381	110.475	ug/l	90
17) Carbon Disulfide	4.186	76	59531	18.514	ug/l	98
18) Methyl Acetate	4.472	43	84144	22.639	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	149088	22.116	ug/l	100
20) Methylene Chloride	4.704	84	96905	38.866	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	39001	20.615	ug/l	94
22) Diisopropyl ether	6.112	45	155105	21.297	ug/l	95
23) Vinyl Acetate	6.051	43	467551	104.011	ug/l	95
24) 1,1-Dichloroethane	6.009	63	83843	21.121	ug/l	98
25) 2-Butanone	6.978	43	167865	107.207	ug/l	98
26) 2,2-Dichloropropane	6.972	77	79750	21.981	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	54627	21.750	ug/l	98
28) Bromochloromethane	7.326	49	25765	23.923	ug/l	96
29) Tetrahydrofuran	7.344	42	95249	107.626	ug/l	93
30) Chloroform	7.502	83	92625	21.789	ug/l	96
31) Cyclohexane	7.777	56	54486	19.001	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	76583	21.823	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57166	20.287	ug/l	99
37) Ethyl Acetate	7.070	43	58716	20.890	ug/l #	95
38) Carbon Tetrachloride	7.899	117	64564	21.108	ug/l	95
39) Methylcyclohexane	9.179	83	60906	19.542	ug/l	95
40) Benzene	8.155	78	180835	21.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	31962m	21.119	ug/l	
42) 1,2-Dichloroethane	8.234	62	63416	21.548	ug/l	93
43) Isopropyl Acetate	8.271	43	101532	21.147	ug/l	97
44) Trichloroethene	8.935	130	51820	21.591	ug/l	93
45) 1,2-Dichloropropane	9.216	63	51055	21.305	ug/l	95
46) Dibromomethane	9.301	93	33076	21.577	ug/l	96
47) Bromodichloromethane	9.496	83	74356	21.762	ug/l	93
48) Methyl methacrylate	9.289	41	44574	21.151	ug/l	91
49) 1,4-Dioxane	9.295	88	13877	458.231	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	322043	108.218	ug/l	93
52) Toluene	10.240	92	117921	21.285	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79577	21.718	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	83684	21.218	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	48581	21.626	ug/l	98
56) Ethyl methacrylate	10.508	69	72487	21.896	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	82237	21.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	70421	66.967	ug/l	95
59) 2-Hexanone	10.831	43	247241	108.290	ug/l	91
60) Dibromochloromethane	10.983	129	58432	22.282	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48170	21.918	ug/l	98
64) Tetrachloroethene	10.715	164	57677	23.098	ug/l	95
65) Chlorobenzene	11.514	112	138032	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54640	22.142	ug/l	98
67) Ethyl Benzene	11.593	91	235732	21.229	ug/l	99
68) m/p-Xylenes	11.703	106	181064	42.901	ug/l	97
69) o-Xylene	12.026	106	90807	21.942	ug/l	97
70) Styrene	12.044	104	155482	21.948	ug/l	97
71) Bromoform	12.209	173	39656	22.176	ug/l #	99
73) Isopropylbenzene	12.331	105	238625	21.676	ug/l	100
74) N-amyl acetate	12.142	43	89492	21.629	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	66038	21.554	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	50704m	21.658	ug/l	
77) Bromobenzene	12.605	156	59909	22.170	ug/l	95
78) n-propylbenzene	12.672	91	289357	21.636	ug/l	99
79) 2-Chlorotoluene	12.758	91	167065	21.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	202645	21.988	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22518	21.660	ug/l	96
82) 4-Chlorotoluene	12.855	91	176379	22.163	ug/l	99
83) tert-Butylbenzene	13.075	119	178919	22.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	203143	22.030	ug/l	99
85) sec-Butylbenzene	13.251	105	264784	21.920	ug/l	99
86) p-Isopropyltoluene	13.367	119	224140	22.213	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	119396	22.272	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120534	22.481	ug/l	99
89) n-Butylbenzene	13.696	91	211299	22.114	ug/l	97
90) Hexachloroethane	13.959	117	43127	22.146	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	110984	22.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13355	21.948	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	71405	22.920	ug/l	98
94) Hexachlorobutadiene	15.111	225	37085	23.244	ug/l	99
95) Naphthalene	15.233	128	184317	22.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65511	22.782	ug/l	99

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

