

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017307.D
 Acq On : 08 Feb 2024 13:00
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

Quant Time: Feb 09 00:12:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	90117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	136529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	60112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44770	55.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.220%			
35) Dibromofluoromethane	7.722	113	44607	52.195	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.380%			
50) Toluene-d8	10.191	98	166428	53.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.489	95	53229	52.221	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14822	21.696	ug/l	95
3) Chloromethane	2.113	50	31055	25.305	ug/l	98
4) Vinyl Chloride	2.253	62	40068	26.792	ug/l	99
5) Bromomethane	2.644	94	28523	27.514	ug/l	97
6) Chloroethane	2.796	64	26888	27.845	ug/l	98
7) Trichlorofluoromethane	3.125	101	36209	23.545	ug/l	98
8) Diethyl Ether	3.528	74	11134	23.017	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	21206	22.747	ug/l	98
10) Methyl Iodide	4.095	142	19276	19.668	ug/l	99
11) Tert butyl alcohol	4.954	59	8261	112.871	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	18773	21.491	ug/l	92
13) Acrolein	3.729	56	7958	112.876	ug/l	98
14) Allyl chloride	4.485	41	29778	22.549	ug/l	94
15) Acrylonitrile	5.168	53	24717	113.486	ug/l	97
16) Acetone	3.948	43	28060	118.589	ug/l	92
17) Carbon Disulfide	4.198	76	51410	18.437	ug/l	99
18) Methyl Acetate	4.485	43	10336	19.581	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	48212	22.917	ug/l	97
20) Methylene Chloride	4.723	84	30855	30.471	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	21301	21.436	ug/l	95
22) Diisopropyl ether	6.125	45	70739	24.393	ug/l	97
23) Vinyl Acetate	6.070	43	208542	118.681	ug/l	98
24) 1,1-Dichloroethane	6.021	63	42564	23.959	ug/l	95
25) 2-Butanone	6.990	43	37563	119.418	ug/l	98
26) 2,2-Dichloropropane	6.990	77	35040	23.713	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	25091	22.576	ug/l	94
28) Bromochloromethane	7.338	49	15321	22.523	ug/l	95
29) Tetrahydrofuran	7.356	42	20226	113.828	ug/l	98
30) Chloroform	7.515	83	43249	24.200	ug/l	96
31) Cyclohexane	7.795	56	34216	21.086	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	35731	23.244	ug/l	98
36) 1,1-Dichloropropene	7.923	75	31093	21.092	ug/l	99
37) Ethyl Acetate	7.082	43	15428	22.564	ug/l	96
38) Carbon Tetrachloride	7.905	117	30509	21.615	ug/l	100
39) Methylcyclohexane	9.191	83	34904	20.267	ug/l	98
40) Benzene	8.167	78	94119	22.357	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	8047	24.840	ug/l	99
42) 1,2-Dichloroethane	8.246	62	25047	22.471	ug/l	100
43) Isopropyl Acetate	8.277	43	26734	22.088	ug/l	99
44) Trichloroethene	8.947	130	23350	21.851	ug/l	97
45) 1,2-Dichloropropane	9.222	63	23865	23.079	ug/l	97
46) Dibromomethane	9.313	93	12752	22.830	ug/l	93
47) Bromodichloromethane	9.502	83	32712	23.401	ug/l	97
48) Methyl methacrylate	9.301	41	11741	20.681	ug/l	95
49) 1,4-Dioxane	9.301	88	2581	424.529	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	72620	111.929	ug/l	98
52) Toluene	10.252	92	57784	22.740	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	29100	22.162	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	35244	22.410	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	16924	22.270	ug/l	95
56) Ethyl methacrylate	10.520	69	20299	21.664	ug/l	95
57) 1,3-Dichloropropane	10.801	76	29805	22.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	45650	96.421	ug/l	97
59) 2-Hexanone	10.837	43	54186	115.497	ug/l	98
60) Dibromochloromethane	10.990	129	19690	22.085	ug/l	99
61) 1,2-Dibromoethane	11.093	107	15431	21.832	ug/l	100
64) Tetrachloroethene	10.728	164	19042	21.475	ug/l	91
65) Chlorobenzene	11.526	112	58011	22.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	21317	22.272	ug/l	99
67) Ethyl Benzene	11.599	91	106369	22.347	ug/l	98
68) m/p-Xylenes	11.709	106	81533	45.136	ug/l	100
69) o-Xylene	12.038	106	37407	22.487	ug/l	99
70) Styrene	12.050	104	63590	23.201	ug/l	98
71) Bromoform	12.215	173	10549	21.045	ug/l #	99
73) Isopropylbenzene	12.337	105	100023	22.650	ug/l	99
74) N-amyl acetate	12.148	43	23270	23.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	19402	22.338	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	11898m	21.445	ug/l	
77) Bromobenzene	12.617	156	21744	22.198	ug/l	97
78) n-propylbenzene	12.678	91	126911	23.399	ug/l	99
79) 2-Chlorotoluene	12.764	91	69363	23.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	80913	23.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6001	22.474	ug/l	98
82) 4-Chlorotoluene	12.861	91	72041	23.475	ug/l	99
83) tert-Butylbenzene	13.081	119	68772	22.844	ug/l	96
84) 1,2,4-Trimethylbenzene	13.130	105	81158	23.411	ug/l	99
85) sec-Butylbenzene	13.258	105	108578	23.076	ug/l	99
86) p-Isopropyltoluene	13.380	119	86237	22.935	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	44215	22.627	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	42836	22.564	ug/l	98
89) n-Butylbenzene	13.703	91	83264	23.291	ug/l	99
90) Hexachloroethane	13.971	117	17669	22.890	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	38218	22.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2321	20.515	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	18235	22.068	ug/l	100
94) Hexachlorobutadiene	15.117	225	10883	22.363	ug/l	98
95) Naphthalene	15.245	128	31638	21.652	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	15392	21.902	ug/l	97

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

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