

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017282.D
 Acq On : 07 Feb 2024 12:15
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 01:41:12 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	100023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	151760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45924	51.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.800%			
35) Dibromofluoromethane	7.728	113	45255	47.814	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.620%			
50) Toluene-d8	10.191	98	167041	48.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.489	95	53651	47.527	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17389	22.933	ug/l	96
3) Chloromethane	2.113	50	33868	24.864	ug/l	98
4) Vinyl Chloride	2.253	62	43602	26.267	ug/l	99
5) Bromomethane	2.644	94	31627	27.486	ug/l	100
6) Chloroethane	2.796	64	28631	26.713	ug/l	96
7) Trichlorofluoromethane	3.125	101	41699	24.430	ug/l	97
8) Diethyl Ether	3.534	74	12569	23.410	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	24959	24.122	ug/l	96
10) Methyl Iodide	4.095	142	22345	20.542	ug/l	100
11) Tert butyl alcohol	4.960	59	9746	121.083	ug/l	99
12) 1,1-Dichloroethene	3.875	96	22324	23.025	ug/l	91
13) Acrolein	3.735	56	8715	111.207	ug/l	100
14) Allyl chloride	4.485	41	34548	23.571	ug/l	96
15) Acrylonitrile	5.174	53	30192	124.895	ug/l	98
16) Acetone	3.948	43	34784	132.448	ug/l	95
17) Carbon Disulfide	4.198	76	63465	20.506	ug/l	98
18) Methyl Acetate	4.479	43	12133	20.709	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	55776	23.887	ug/l	97
20) Methylene Chloride	4.722	84	30834	27.059	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	25386	23.016	ug/l	95
22) Diisopropyl ether	6.125	45	80167	24.906	ug/l	98
23) Vinyl Acetate	6.064	43	245623	125.940	ug/l	98
24) 1,1-Dichloroethane	6.027	63	47798	24.241	ug/l	99
25) 2-Butanone	6.990	43	45285	129.709	ug/l	99
26) 2,2-Dichloropropane	6.990	77	39738	24.229	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	29362	23.802	ug/l	99
28) Bromochloromethane	7.338	49	15819	20.952	ug/l	98
29) Tetrahydrofuran	7.350	42	24110	122.249	ug/l	98
30) Chloroform	7.515	83	49015	24.710	ug/l	96
31) Cyclohexane	7.795	56	40539	22.509	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	41516	24.333	ug/l	99
36) 1,1-Dichloropropene	7.923	75	36389	22.289	ug/l	99
37) Ethyl Acetate	7.082	43	18025	23.804	ug/l	99
38) Carbon Tetrachloride	7.905	117	35332	22.603	ug/l	98
39) Methylcyclohexane	9.191	83	39849	20.893	ug/l	99
40) Benzene	8.167	78	107269	23.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6965	19.414	ug/l #	70
42) 1,2-Dichloroethane	8.240	62	28705	23.254	ug/l	100
43) Isopropyl Acetate	8.277	43	31759	23.693	ug/l	100
44) Trichloroethene	8.947	130	26413	22.318	ug/l	98
45) 1,2-Dichloropropane	9.228	63	27123	23.685	ug/l	96
46) Dibromomethane	9.313	93	14482	23.411	ug/l	94
47) Bromodichloromethane	9.502	83	36912	23.843	ug/l	92
48) Methyl methacrylate	9.301	41	13947	22.183	ug/l	94
49) 1,4-Dioxane	9.313	88	3146	467.245	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	88098	122.608	ug/l	100
52) Toluene	10.252	92	66023	23.461	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	33228	22.850	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	41100	23.597	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	20112	23.896	ug/l	96
56) Ethyl methacrylate	10.520	69	23774	22.738	ug/l	94
57) 1,3-Dichloropropane	10.801	76	34262	23.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	52158	99.476	ug/l	98
59) 2-Hexanone	10.843	43	66419	127.833	ug/l	99
60) Dibromochloromethane	10.990	129	23045	23.340	ug/l	97
61) 1,2-Dibromoethane	11.099	107	17845	22.798	ug/l	100
64) Tetrachloroethene	10.727	164	21577	21.892	ug/l	97
65) Chlorobenzene	11.526	112	67190	22.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	24629	23.150	ug/l	100
67) Ethyl Benzene	11.599	91	122875	23.223	ug/l	97
68) m/p-Xylenes	11.709	106	92377	46.007	ug/l	99
69) o-Xylene	12.038	106	41977	22.702	ug/l	98
70) Styrene	12.050	104	71476	23.461	ug/l	99
71) Bromoform	12.215	173	12272	22.025	ug/l #	95
73) Isopropylbenzene	12.337	105	114096	22.920	ug/l	100
74) N-amyl acetate	12.148	43	26671	23.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	22657	23.141	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	14479m	23.151	ug/l	
77) Bromobenzene	12.617	156	24595	22.275	ug/l	98
78) n-propylbenzene	12.678	91	143585	23.485	ug/l	99
79) 2-Chlorotoluene	12.764	91	78719	23.420	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	91794	23.186	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6615	21.977	ug/l	97
82) 4-Chlorotoluene	12.861	91	81663	23.606	ug/l	99
83) tert-Butylbenzene	13.081	119	82498	24.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	91879	23.512	ug/l	99
85) sec-Butylbenzene	13.264	105	124336	23.442	ug/l	100
86) p-Isopropyltoluene	13.379	119	99290	23.426	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	49014	22.251	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	48572	22.697	ug/l	97
89) n-Butylbenzene	13.703	91	96006	23.824	ug/l	98
90) Hexachloroethane	13.971	117	20021	23.009	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	43027	22.945	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2963	23.233	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	21455	23.034	ug/l	98
94) Hexachlorobutadiene	15.123	225	12611	22.988	ug/l	98
95) Naphthalene	15.245	128	38062	22.851	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	18737	23.652	ug/l	98

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

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