

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016917.D
 Acq On : 05 Jan 2024 12:27
 Operator : SY/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/08/2024
 Supervised By :Semsettin Yesilyurt 01/08/2024

Quant Time: Jan 05 22:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	137720	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	228062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	193825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	84603	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	58719	43.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.280%		
35) Dibromofluoromethane	7.740	113	63801	43.901	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.800%		
50) Toluene-d8	10.197	98	230253	46.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.501	95	73764	43.688	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22339	19.607	ug/l	97
3) Chloromethane	2.125	50	31317	19.358	ug/l	98
4) Vinyl Chloride	2.265	62	36743	19.254	ug/l	99
5) Bromomethane	2.668	94	25893	18.940	ug/l	99
6) Chloroethane	2.814	64	24917	19.303	ug/l	95
7) Trichlorofluoromethane	3.143	101	46219	19.657	ug/l	97
8) Diethyl Ether	3.552	74	14055	18.704	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.924	101	30022	19.637	ug/l	100
10) Methyl Iodide	4.119	142	24156	18.572	ug/l	97
11) Tert butyl alcohol	4.966	59	10721	86.562	ug/l #	94
12) 1,1-Dichloroethene	3.899	96	25586	19.505	ug/l	98
13) Acrolein	3.753	56	16071	103.664	ug/l	97
14) Allyl chloride	4.503	41	40343	19.455	ug/l	99
15) Acrylonitrile	5.192	53	32448	92.319	ug/l	100
16) Acetone	3.966	43	41717	110.922	ug/l	99
17) Carbon Disulfide	4.222	76	56564	18.047	ug/l	100
18) Methyl Acetate	4.503	43	24276	16.647	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	63566	18.627	ug/l	96
20) Methylene Chloride	4.747	84	35102	14.502	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	29421	19.583	ug/l	98
22) Diisopropyl ether	6.143	45	95275	19.873	ug/l	98
23) Vinyl Acetate	6.088	43	216183	98.343	ug/l	98
24) 1,1-Dichloroethane	6.045	63	56574	19.637	ug/l	95
25) 2-Butanone	7.008	43	50757	103.591	ug/l	99
26) 2,2-Dichloropropane	7.015	77	49136	19.671	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	34493	19.586	ug/l	98
28) Bromochloromethane	7.356	49	20938	19.359	ug/l	99
29) Tetrahydrofuran	7.380	42	25026	90.840	ug/l	98
30) Chloroform	7.533	83	58753	19.790	ug/l	97
31) Cyclohexane	7.807	56	44916	19.226	ug/l	94
32) 1,1,1-Trichloroethane	7.728	97	49465	19.650	ug/l	99
36) 1,1-Dichloropropene	7.941	75	42175	19.913	ug/l	99
37) Ethyl Acetate	7.100	43	18647	19.374	ug/l	100
38) Carbon Tetrachloride	7.923	117	42923	19.947	ug/l	94
39) Methylcyclohexane	9.203	83	46290	19.441	ug/l	99
40) Benzene	8.185	78	126929	19.978	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9263	18.273	ug/l	90
42) 1,2-Dichloroethane	8.258	62	32605	19.331	ug/l	99
43) Isopropyl Acetate	8.295	43	33538	18.196	ug/l	99
44) Trichloroethene	8.959	130	31373	19.406	ug/l	97
45) 1,2-Dichloropropane	9.234	63	32277	19.720	ug/l	100
46) Dibromomethane	9.325	93	15829	18.962	ug/l	99
47) Bromodichloromethane	9.514	83	43899	19.583	ug/l	99
48) Methyl methacrylate	9.313	41	18910	19.011	ug/l	96
49) 1,4-Dioxane	9.319	88	3397	393.014	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	91324	93.166	ug/l	99
52) Toluene	10.264	92	77336	20.169	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	38303	19.076	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	46803	19.410	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	23379	19.170	ug/l	98
56) Ethyl methacrylate	10.526	69	19047	18.439	ug/l	98
57) 1,3-Dichloropropane	10.807	76	39189	19.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	52407	92.440	ug/l	100
59) 2-Hexanone	10.849	43	69936	96.895	ug/l	99
60) Dibromochloromethane	11.002	129	27400	19.482	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20593	19.435	ug/l	99
64) Tetrachloroethene	10.733	164	24896	19.812	ug/l	94
65) Chlorobenzene	11.532	112	79696	19.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	29475	19.203	ug/l	97
67) Ethyl Benzene	11.611	91	144312	19.852	ug/l	99
68) m/p-Xylenes	11.721	106	107251	40.195	ug/l	100
69) o-Xylene	12.044	106	49654	19.850	ug/l	99
70) Styrene	12.062	104	72003	19.778	ug/l	98
71) Bromoform	12.227	173	14619	19.347	ug/l #	99
73) Isopropylbenzene	12.349	105	137464	19.897	ug/l	99
74) N-amyl acetate	12.160	43	26412	19.028	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	26499	18.825	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	17839m	19.430	ug/l	
77) Bromobenzene	12.629	156	29360	19.302	ug/l	99
78) n-propylbenzene	12.690	91	169648	20.199	ug/l	100
79) 2-Chlorotoluene	12.776	91	92612	19.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	110733	20.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	7367	18.221	ug/l	99
82) 4-Chlorotoluene	12.873	91	95699	20.112	ug/l	99
83) tert-Butylbenzene	13.093	119	96354	20.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	107442	19.967	ug/l	99
85) sec-Butylbenzene	13.270	105	142692	20.010	ug/l	99
86) p-Isopropyltoluene	13.385	119	116779	19.843	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	57906	19.411	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	56533	19.375	ug/l	97
89) n-Butylbenzene	13.715	91	113101	19.988	ug/l	99
90) Hexachloroethane	13.977	117	24500	19.373	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	50006	19.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3246	18.389	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	24035	18.774	ug/l	100
94) Hexachlorobutadiene	15.129	225	15456	19.272	ug/l	99
95) Naphthalene	15.257	128	40450	18.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19973	18.374	ug/l	97

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

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