

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017153.D
 Acq On : 31 Jan 2024 11:58
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 22:57:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	96760	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	166915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	144405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	54955	58.293	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.580%			
35) Dibromofluoromethane	7.740	113	56185	55.772	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.540%			
50) Toluene-d8	10.197	98	209793	55.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.495	95	66470	56.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18966	24.195	ug/l	97
3) Chloromethane	2.125	50	28438	20.449	ug/l	97
4) Vinyl Chloride	2.259	62	35261	22.708	ug/l	98
5) Bromomethane	2.661	94	27239	24.235	ug/l	93
6) Chloroethane	2.808	64	24101	24.365	ug/l	96
7) Trichlorofluoromethane	3.143	101	38688	22.338	ug/l	94
8) Diethyl Ether	3.545	74	11846	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.923	101	23404	21.625	ug/l	98
10) Methyl Iodide	4.119	142	19014	18.493	ug/l	99
11) Tert butyl alcohol	4.972	59	10402	145.165	ug/l	98
12) 1,1-Dichloroethene	3.893	96	19921	20.108	ug/l	96
13) Acrolein	3.747	56	12087	106.905	ug/l	100
14) Allyl chloride	4.503	41	31551	21.070	ug/l	96
15) Acrylonitrile	5.191	53	29153	120.489	ug/l	98
16) Acetone	3.966	43	41716	149.778	ug/l	95
17) Carbon Disulfide	4.216	76	45993	15.403	ug/l	97
18) Methyl Acetate	4.503	43	22255	23.012	ug/l	99
19) Methyl tert-butyl Ether	5.252	73	56234	23.260	ug/l	97
20) Methylene Chloride	4.740	84	27962	23.448	ug/l	97
21) trans-1,2-Dichloroethene	5.252	96	23640	20.629	ug/l	92
22) Diisopropyl ether	6.143	45	77600	23.477	ug/l	100
23) Vinyl Acetate	6.088	43	186404	116.257	ug/l	98
24) 1,1-Dichloroethane	6.045	63	45392	22.515	ug/l	98
25) 2-Butanone	7.008	43	50555	135.773	ug/l	98
26) 2,2-Dichloropropane	7.008	77	37935	22.030	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	27637	21.763	ug/l	96
28) Bromochloromethane	7.356	49	18126	22.583	ug/l	98
29) Tetrahydrofuran	7.374	42	23576	123.328	ug/l	98
30) Chloroform	7.526	83	47963	23.363	ug/l	99
31) Cyclohexane	7.807	56	34885	18.901	ug/l	96
32) 1,1,1-Trichloroethane	7.728	97	39688	22.545	ug/l	99
36) 1,1-Dichloropropene	7.941	75	33719	20.343	ug/l	99
37) Ethyl Acetate	7.100	43	18146	25.461	ug/l	99
38) Carbon Tetrachloride	7.929	117	34154	21.027	ug/l	97
39) Methylcyclohexane	9.203	83	36260	18.188	ug/l	98
40) Benzene	8.185	78	102020	21.194	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	9877m	25.912	ug/l	
42) 1,2-Dichloroethane	8.258	62	28600	22.918	ug/l	98
43) Isopropyl Acetate	8.295	43	30729	23.096	ug/l	99
44) Trichloroethene	8.959	130	26203	21.224	ug/l	97
45) 1,2-Dichloropropane	9.233	63	26774	22.661	ug/l	99
46) Dibromomethane	9.325	93	14055	22.400	ug/l	97
47) Bromodichloromethane	9.514	83	36780	23.041	ug/l	96
48) Methyl methacrylate	9.307	41	16386	22.181	ug/l	92
49) 1,4-Dioxane	9.313	88	3059	495.696	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	85859	121.311	ug/l	99
52) Toluene	10.264	92	63091	21.655	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	31959	21.916	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	39310	21.918	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	20248	23.089	ug/l	96
56) Ethyl methacrylate	10.526	69	17406	22.697	ug/l	97
57) 1,3-Dichloropropane	10.806	76	33939	22.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.800	63	65632	123.292	ug/l	98
59) 2-Hexanone	10.849	43	70224	130.055	ug/l	99
60) Dibromochloromethane	11.001	129	23586	23.150	ug/l	97
61) 1,2-Dibromoethane	11.105	107	17906	22.476	ug/l	99
64) Tetrachloroethene	10.739	164	20793	20.658	ug/l	96
65) Chlorobenzene	11.532	112	66411	21.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	24839	22.222	ug/l	100
67) Ethyl Benzene	11.611	91	117887	21.191	ug/l	100
68) m/p-Xylenes	11.715	106	91129	43.600	ug/l	97
69) o-Xylene	12.044	106	40692	21.433	ug/l	98
70) Styrene	12.056	104	61347	22.257	ug/l	100
71) Bromoform	12.221	173	12525	22.347	ug/l #	97
73) Isopropylbenzene	12.343	105	113365	20.955	ug/l	99
74) N-amyl acetate	12.154	43	24809	22.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	23472	22.753	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	17168m	21.493	ug/l	
77) Bromobenzene	12.623	156	24897	21.268	ug/l	99
78) n-propylbenzene	12.684	91	140229	21.550	ug/l	100
79) 2-Chlorotoluene	12.769	91	77170	21.612	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	91902	21.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.391	75	6423	20.817	ug/l	96
82) 4-Chlorotoluene	12.867	91	79759	21.552	ug/l	100
83) tert-Butylbenzene	13.086	119	78929	21.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	90590	21.287	ug/l	99
85) sec-Butylbenzene	13.263	105	117700	21.463	ug/l	100
86) p-Isopropyltoluene	13.379	119	96540	21.134	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	48711	21.076	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	48414	21.290	ug/l	98
89) n-Butylbenzene	13.708	91	93841	21.298	ug/l	98
90) Hexachloroethane	13.970	117	20896	21.947	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	43300	21.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3064	23.255	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	21363	20.712	ug/l	97
94) Hexachlorobutadiene	15.123	225	12899	20.780	ug/l	98
95) Naphthalene	15.245	128	37823	20.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	18199	21.209	ug/l	98

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

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