

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017302.D
 Acq On : 07 Feb 2024 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 01:47:55 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	85774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121771	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	54499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30215	39.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.860%		
35) Dibromofluoromethane	7.722	113	31793	39.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.700%		
50) Toluene-d8	10.185	98	126579	43.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.160%		
62) 4-Bromofluorobenzene	12.483	95	37682	39.603	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27427	42.180	ug/l	97
3) Chloromethane	2.107	50	86393	73.960	ug/l	99
4) Vinyl Chloride	2.247	62	105750	74.290	ug/l	99
5) Bromomethane	2.656	94	75246	76.258	ug/l	97
6) Chloroethane	2.796	64	67973	73.955	ug/l	96
7) Trichlorofluoromethane	3.119	101	86469	59.074	ug/l	95
8) Diethyl Ether	3.534	74	18348	39.850	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	44426	50.068	ug/l	95
10) Methyl Iodide	4.095	142	34562	37.051	ug/l	98
11) Tert butyl alcohol	4.997	59	8448	122.584	ug/l	98
12) 1,1-Dichloroethene	3.875	96	40683	48.932	ug/l	87
13) Acrolein	3.741	56	8498	128.136	ug/l	97
14) Allyl chloride	4.485	41	61879	49.230	ug/l	93
15) Acrylonitrile	5.174	53	34780	167.774	ug/l	99
16) Acetone	3.973	43	27203	120.788	ug/l	93
17) Carbon Disulfide	4.198	76	124685	46.980	ug/l	99
18) Methyl Acetate	4.491	43	21150	42.097	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	82998	41.450	ug/l	99
20) Methylene Chloride	4.722	84	42692	46.004	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	47571	50.295	ug/l	97
22) Diisopropyl ether	6.131	45	134867	48.861	ug/l	97
23) Vinyl Acetate	6.070	43	325134	194.402	ug/l	99
24) 1,1-Dichloroethane	6.027	63	85392	50.501	ug/l	96
25) 2-Butanone	6.996	43	43616	145.682	ug/l	97
26) 2,2-Dichloropropane	6.984	77	66386	47.200	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	49823	47.098	ug/l	95
28) Bromochloromethane	7.338	49	25629	39.585	ug/l	93
29) Tetrahydrofuran	7.356	42	29343	173.499	ug/l	97
30) Chloroform	7.515	83	84366	49.598	ug/l	100
31) Cyclohexane	7.789	56	77699	50.308	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	77632	53.059	ug/l	97
36) 1,1-Dichloropropene	7.923	75	71060	51.639	ug/l	98
37) Ethyl Acetate	7.082	43	21048	32.978	ug/l	100
38) Carbon Tetrachloride	7.905	117	68901	52.295	ug/l	99
39) Methylcyclohexane	9.185	83	83604	52.004	ug/l	98
40) Benzene	8.167	78	196250	49.940	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	9999	33.066	ug/l #	80
42) 1,2-Dichloroethane	8.240	62	45490	43.721	ug/l	99
43) Isopropyl Acetate	8.277	43	43965	38.913	ug/l #	83
44) Trichloroethene	8.941	130	48238	48.357	ug/l	91
45) 1,2-Dichloropropane	9.222	63	46421	48.092	ug/l	100
46) Dibromomethane	9.307	93	21614	41.453	ug/l	95
47) Bromodichloromethane	9.502	83	59552	45.638	ug/l	98
48) Methyl methacrylate	9.295	41	21196	39.996	ug/l	95
49) 1,4-Dioxane	9.325	88	3725	656.362	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	115643	190.943	ug/l	99
52) Toluene	10.246	92	121178	51.087	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	51113	41.702	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	64926	44.225	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	28868	40.693	ug/l	98
56) Ethyl methacrylate	10.514	69	35281	37.748	ug/l	94
57) 1,3-Dichloropropane	10.788	76	50156	41.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	84694	191.638	ug/l	97
59) 2-Hexanone	10.831	43	76229	174.061	ug/l	98
60) Dibromochloromethane	10.984	129	34087	40.959	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25640	38.862	ug/l	100
64) Tetrachloroethene	10.721	164	43917	55.532	ug/l	97
65) Chlorobenzene	11.520	112	115925	49.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	40919	47.933	ug/l	98
67) Ethyl Benzene	11.593	91	231330	54.489	ug/l	97
68) m/p-Xylenes	11.703	106	174389	108.241	ug/l	98
69) o-Xylene	12.032	106	78167	52.685	ug/l	97
70) Styrene	12.044	104	128802	52.689	ug/l	99
71) Bromoform	12.209	173	17846	39.917	ug/l #	96
73) Isopropylbenzene	12.331	105	220481	55.069	ug/l	100
74) N-amyl acetate	12.148	43	40085	44.558	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	31119	39.518	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22794m	45.315	ug/l	
77) Bromobenzene	12.611	156	41121	46.304	ug/l	99
78) n-propylbenzene	12.672	91	274658	55.856	ug/l	99
79) 2-Chlorotoluene	12.758	91	141991	52.524	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	174011	54.648	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9043	37.355	ug/l	97
82) 4-Chlorotoluene	12.855	91	145406	52.261	ug/l	100
83) tert-Butylbenzene	13.075	119	151069	55.348	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	168298	53.547	ug/l	99
85) sec-Butylbenzene	13.251	105	239457	56.132	ug/l	100
86) p-Isopropyltoluene	13.373	119	187513	55.006	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	86464	48.805	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	83224	48.353	ug/l	99
89) n-Butylbenzene	13.696	91	181193	55.904	ug/l	98
90) Hexachloroethane	13.959	117	36361	51.957	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	70756	46.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3860	37.632	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	33833	45.163	ug/l	99
94) Hexachlorobutadiene	15.111	225	21107	47.839	ug/l	97
95) Naphthalene	15.239	128	58528	39.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	28554	44.816	ug/l	99

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

