

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018685.D
 Acq On : 25 Jun 2024 13:51
 Operator : SY/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 26 02:35:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	140854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	224857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	197490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70940	50.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.040%			
35) Dibromofluoromethane	7.709	113	78065	56.912	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.820%			
50) Toluene-d8	10.172	98	291958	55.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.700%			
62) 4-Bromofluorobenzene	12.477	95	93948	56.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.893	85	24474	26.381	ug/l	100
3) Chloromethane	2.101	50	38519	20.160	ug/l	98
4) Vinyl Chloride	2.241	62	48644	20.558	ug/l	96
5) Bromomethane	2.625	94	35206	20.018	ug/l	95
6) Chloroethane	2.777	64	30903	19.937	ug/l	92
7) Trichlorofluoromethane	3.107	101	59092	23.191	ug/l	99
8) Diethyl Ether	3.515	74	15112	20.801	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.875	101	30706	23.064	ug/l	99
10) Methyl Iodide	4.064	142	35081	22.185	ug/l	97
11) Tert butyl alcohol	4.942	59	10763	42.194	ug/l #	84
12) 1,1-Dichloroethene	3.850	96	30015	22.434	ug/l	99
13) Acrolein	3.710	56	5189	63.275	ug/l	98
14) Allyl chloride	4.460	41	35367	19.608	ug/l	99
15) Acrylonitrile	5.137	53	31217	96.588	ug/l	98
16) Acetone	3.936	43	25809	89.454	ug/l	88
17) Carbon Disulfide	4.173	76	83981	21.998	ug/l	97
18) Methyl Acetate	4.460	43	15851	21.660	ug/l	100
19) Methyl tert-butyl Ether	5.198	73	71774	20.111	ug/l	95
20) Methylene Chloride	4.698	84	44815	19.791	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	32777	21.521	ug/l	94
22) Diisopropyl ether	6.100	45	79481	19.519	ug/l #	87
23) Vinyl Acetate	6.045	43	315250	93.555	ug/l	96
24) 1,1-Dichloroethane	6.002	63	51749	19.727	ug/l	98
25) 2-Butanone	6.972	43	39856	92.158	ug/l	89
26) 2,2-Dichloropropane	6.966	77	41767	18.898	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	37950	20.629	ug/l	97
28) Bromochloromethane	7.319	49	19279	17.930	ug/l	93
29) Tetrahydrofuran	7.344	42	25630	96.571	ug/l	99
30) Chloroform	7.490	83	58124	20.331	ug/l	92
31) Cyclohexane	7.770	56	44865	20.654	ug/l #	83
32) 1,1,1-Trichloroethane	7.685	97	50347	20.729	ug/l	100
36) 1,1-Dichloropropene	7.905	75	41331	21.891	ug/l	99
37) Ethyl Acetate	7.063	43	17972	20.193	ug/l #	98
38) Carbon Tetrachloride	7.886	117	44632	22.532	ug/l	98
39) Methylcyclohexane	9.179	83	55373	23.936	ug/l	96
40) Benzene	8.148	78	126111	21.598	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	8830	19.726	ug/l #	93
42) 1,2-Dichloroethane	8.228	62	31907	20.945	ug/l	98
43) Isopropyl Acetate	8.264	43	33923	20.421	ug/l	96
44) Trichloroethene	8.935	130	36110	23.621	ug/l	94
45) 1,2-Dichloropropane	9.209	63	28009	20.978	ug/l	92
46) Dibromomethane	9.301	93	18162	21.923	ug/l	98
47) Bromodichloromethane	9.490	83	41267	20.870	ug/l	96
48) Methyl methacrylate	9.288	41	15074	20.156	ug/l	96
49) 1,4-Dioxane	9.288	88	4539	416.589	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	88835	101.523	ug/l	99
52) Toluene	10.239	92	82785	22.082	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	36497	21.122	ug/l	92
54) cis-1,3-Dichloropropene	9.922	75	43815	21.012	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	23884	21.675	ug/l	93
56) Ethyl methacrylate	10.502	69	30815	21.371	ug/l	94
57) 1,3-Dichloropropane	10.782	76	39287	21.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	69921	100.447	ug/l	96
59) 2-Hexanone	10.825	43	62542	102.039	ug/l	96
60) Dibromochloromethane	10.977	129	30013	21.926	ug/l	100
61) 1,2-Dibromoethane	11.081	107	23348	22.927	ug/l	98
64) Tetrachloroethene	10.715	164	34591	24.557	ug/l	97
65) Chlorobenzene	11.514	112	90183	22.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	30114	22.027	ug/l	98
67) Ethyl Benzene	11.587	91	154658	21.848	ug/l	94
68) m/p-Xylenes	11.697	106	123107	44.693	ug/l	99
69) o-Xylene	12.026	106	58417	22.054	ug/l	98
70) Styrene	12.038	104	97864	22.364	ug/l	97
71) Bromoform	12.203	173	16230	21.635	ug/l #	96
73) Isopropylbenzene	12.324	105	150497	21.077	ug/l	98
74) N-amyl acetate	12.142	43	29393	20.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.574	83	26984	21.283	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	20263m	22.091	ug/l	
77) Bromobenzene	12.605	156	36592	22.159	ug/l	92
78) n-propylbenzene	12.666	91	179700	21.504	ug/l	98
79) 2-Chlorotoluene	12.751	91	99314	21.054	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	120518	21.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	7617	21.752	ug/l	91
82) 4-Chlorotoluene	12.849	91	100736	21.207	ug/l	96
83) tert-Butylbenzene	13.068	119	113053	21.585	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	120707	21.341	ug/l	99
85) sec-Butylbenzene	13.251	105	165306	22.129	ug/l	99
86) p-Isopropyltoluene	13.367	119	138057	21.800	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	71857	21.574	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	72432	22.161	ug/l	97
89) n-Butylbenzene	13.696	91	124538	21.817	ug/l	98
90) Hexachloroethane	13.958	117	23972	20.837	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	62585	21.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3591	19.560	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	35420	22.345	ug/l	98
94) Hexachlorobutadiene	15.111	225	19025	23.359	ug/l	97
95) Naphthalene	15.233	128	63725	21.512	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	29721	22.191	ug/l	99

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

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