

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018701.D
 Acq On : 26 Jun 2024 11:44
 Operator : SY/MD
 Sample : VY0626SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2024
 Supervised By :Semsettin Yesilyurt 06/27/2024

Quant Time: Jun 27 03:24:53 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	137826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69026	49.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.480%			
35) Dibromofluoromethane	7.710	113	72830	54.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.040%			
50) Toluene-d8	10.172	98	276454	53.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.477	95	87541	53.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	23715	26.125	ug/l	99
3) Chloromethane	2.107	50	38249	20.458	ug/l	100
4) Vinyl Chloride	2.241	62	47841	20.663	ug/l	97
5) Bromomethane	2.625	94	35675	20.730	ug/l	99
6) Chloroethane	2.777	64	29920	19.727	ug/l	100
7) Trichlorofluoromethane	3.101	101	58470	23.451	ug/l	95
8) Diethyl Ether	3.515	74	15820	22.254	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	31996	24.561	ug/l	100
10) Methyl Iodide	4.070	142	32259	20.890	ug/l	98
11) Tert butyl alcohol	4.930	59	11274	45.169	ug/l #	88
12) 1,1-Dichloroethene	3.850	96	30816	23.539	ug/l	93
13) Acrolein	3.710	56	5128	63.905	ug/l	98
14) Allyl chloride	4.460	41	35102	19.889	ug/l	97
15) Acrylonitrile	5.137	53	33603	106.254	ug/l	98
16) Acetone	3.936	43	28797	102.003	ug/l	93
17) Carbon Disulfide	4.174	76	85606	22.823	ug/l	96
18) Methyl Acetate	4.466	43	16464	22.992	ug/l	98
19) Methyl tert-butyl Ether	5.198	73	70502	20.189	ug/l	94
20) Methylene Chloride	4.698	84	54396	27.174	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	32660	21.915	ug/l	94
22) Diisopropyl ether	6.106	45	78328	19.659	ug/l	98
23) Vinyl Acetate	6.045	43	326844	97.874	ug/l	98
24) 1,1-Dichloroethane	5.996	63	51920	20.227	ug/l	96
25) 2-Butanone	6.972	43	43402	102.563	ug/l	94
26) 2,2-Dichloropropane	6.966	77	42807	19.794	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	37581	20.877	ug/l	97
28) Bromochloromethane	7.319	49	19100	18.154	ug/l	93
29) Tetrahydrofuran	7.338	42	27515	105.951	ug/l	97
30) Chloroform	7.496	83	56867	20.328	ug/l	96
31) Cyclohexane	7.777	56	44880	21.114	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	51576	21.702	ug/l	99
36) 1,1-Dichloropropene	7.905	75	41606	22.419	ug/l	97
37) Ethyl Acetate	7.063	43	18718	21.396	ug/l	98
38) Carbon Tetrachloride	7.892	117	46025	23.639	ug/l	99
39) Methylcyclohexane	9.173	83	55936	24.599	ug/l	99
40) Benzene	8.148	78	127994	22.301	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9466	21.514	ug/l #	74
42) 1,2-Dichloroethane	8.228	62	32572	21.753	ug/l	99
43) Isopropyl Acetate	8.264	43	34835	21.334	ug/l	96
44) Trichloroethene	8.929	130	35032	23.314	ug/l	95
45) 1,2-Dichloropropane	9.209	63	28660	21.838	ug/l	96
46) Dibromomethane	9.301	93	17985	22.086	ug/l	96
47) Bromodichloromethane	9.490	83	42965	22.107	ug/l	99
48) Methyl methacrylate	9.289	41	16842	22.912	ug/l	93
49) 1,4-Dioxane	9.289	88	4934	460.712	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	95561	111.107	ug/l	96
52) Toluene	10.240	92	83021	22.530	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	37081	21.833	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	44247	21.588	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	24623	22.734	ug/l	95
56) Ethyl methacrylate	10.502	69	30687	21.652	ug/l	94
57) 1,3-Dichloropropane	10.782	76	40318	22.409	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	69417	101.456	ug/l	94
59) 2-Hexanone	10.825	43	65982	109.522	ug/l	99
60) Dibromochloromethane	10.977	129	30210	22.454	ug/l	99
61) 1,2-Dibromoethane	11.081	107	23895	23.872	ug/l	97
64) Tetrachloroethene	10.715	164	34541	25.306	ug/l	98
65) Chlorobenzene	11.514	112	90971	23.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29677	22.401	ug/l	99
67) Ethyl Benzene	11.587	91	154719	22.556	ug/l	97
68) m/p-Xylenes	11.697	106	123786	46.377	ug/l	98
69) o-Xylene	12.026	106	56903	22.170	ug/l	99
70) Styrene	12.038	104	96363	22.726	ug/l	99
71) Bromoform	12.203	173	17911	24.640	ug/l #	96
73) Isopropylbenzene	12.325	105	151617	22.065	ug/l	99
74) N-amyl acetate	12.142	43	29766	21.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	27060	22.179	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	18155m	20.568	ug/l	
77) Bromobenzene	12.605	156	35478	22.326	ug/l	96
78) n-propylbenzene	12.666	91	178080	22.145	ug/l	98
79) 2-Chlorotoluene	12.751	91	97996	21.588	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	120788	22.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8334	24.732	ug/l	94
82) 4-Chlorotoluene	12.855	91	98328	21.511	ug/l	95
83) tert-Butylbenzene	13.074	119	113032	22.426	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	118947	21.853	ug/l	100
85) sec-Butylbenzene	13.251	105	163521	22.748	ug/l	98
86) p-Isopropyltoluene	13.367	119	133865	21.966	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	70176	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69273	22.025	ug/l	99
89) n-Butylbenzene	13.696	91	121997	22.209	ug/l	98
90) Hexachloroethane	13.958	117	24361	22.005	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	62637	22.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3888	22.008	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	34039	22.315	ug/l	99
94) Hexachlorobutadiene	15.111	225	18444	23.533	ug/l	98
95) Naphthalene	15.233	128	64079	22.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28997	22.498	ug/l	98

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

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