

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018715.D
 Acq On : 27 Jun 2024 13:19
 Operator : SY/MD
 Sample : VY0627SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 03:12:57 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	129402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	203651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	177723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69079	53.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.040%			
35) Dibromofluoromethane	7.703	113	76094	61.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.500%			
50) Toluene-d8	10.173	98	287936	60.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.540%			
62) 4-Bromofluorobenzene	12.477	95	92865	61.557	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 123.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	22981	26.964	ug/l	98
3) Chloromethane	2.101	50	34130	19.444	ug/l	98
4) Vinyl Chloride	2.241	62	44736	20.580	ug/l	97
5) Bromomethane	2.625	94	33613	20.803	ug/l	99
6) Chloroethane	2.778	64	28477	19.998	ug/l	98
7) Trichlorofluoromethane	3.107	101	54436	23.255	ug/l	99
8) Diethyl Ether	3.515	74	14366	21.524	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.875	101	30358	24.821	ug/l	100
10) Methyl Iodide	4.070	142	30308	20.904	ug/l	95
11) Tert butyl alcohol	4.923	59	15124	64.538	ug/l #	89
12) 1,1-Dichloroethene	3.851	96	27783	22.604	ug/l	96
13) Acrolein	3.710	56	4760	63.181	ug/l	90
14) Allyl chloride	4.460	41	32036	19.333	ug/l	97
15) Acrylonitrile	5.149	53	29143	98.151	ug/l	98
16) Acetone	3.930	43	24503	92.444	ug/l	93
17) Carbon Disulfide	4.180	76	78286	22.288	ug/l	99
18) Methyl Acetate	4.460	43	13605	20.236	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	66589	20.309	ug/l	93
20) Methylene Chloride	4.692	84	52672	28.368	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	30082	21.500	ug/l	94
22) Diisopropyl ether	6.100	45	71593	19.138	ug/l #	88
23) Vinyl Acetate	6.039	43	287161	92.942	ug/l	100
24) 1,1-Dichloroethane	5.996	63	48457	20.107	ug/l	99
25) 2-Butanone	6.972	43	38220	96.197	ug/l	97
26) 2,2-Dichloropropane	6.960	77	41039	20.212	ug/l	100
27) cis-1,2-Dichloroethene	6.966	96	35760	21.159	ug/l	95
28) Bromochloromethane	7.325	49	16481	16.685	ug/l	88
29) Tetrahydrofuran	7.338	42	23956	98.252	ug/l	97
30) Chloroform	7.490	83	53608	20.411	ug/l	98
31) Cyclohexane	7.777	56	42248	21.170	ug/l	94
32) 1,1,1-Trichloroethane	7.685	97	48865	21.900	ug/l	99
36) 1,1-Dichloropropene	7.905	75	39904	23.336	ug/l	98
37) Ethyl Acetate	7.057	43	17733	21.999	ug/l #	95
38) Carbon Tetrachloride	7.892	117	43653	24.333	ug/l	95
39) Methylcyclohexane	9.173	83	52173	24.901	ug/l	97
40) Benzene	8.149	78	117138	22.150	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8800	21.706	ug/l	95
42) 1,2-Dichloroethane	8.228	62	29850	21.635	ug/l	100
43) Isopropyl Acetate	8.264	43	31042	20.632	ug/l	97
44) Trichloroethene	8.929	130	33094	23.902	ug/l	98
45) 1,2-Dichloropropane	9.209	63	25847	21.374	ug/l	93
46) Dibromomethane	9.301	93	16332	21.767	ug/l	97
47) Bromodichloromethane	9.490	83	40007	22.340	ug/l	97
48) Methyl methacrylate	9.289	41	14099	20.815	ug/l	95
49) 1,4-Dioxane	9.289	88	4103	415.785	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	82064	103.550	ug/l	97
52) Toluene	10.240	92	76741	22.602	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	34558	22.082	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	41275	21.855	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	22284	22.329	ug/l	94
56) Ethyl methacrylate	10.508	69	28975	22.187	ug/l	97
57) 1,3-Dichloropropane	10.782	76	35741	21.559	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	61640	97.772	ug/l	92
59) 2-Hexanone	10.825	43	55189	99.418	ug/l	98
60) Dibromochloromethane	10.977	129	28553	23.032	ug/l	100
61) 1,2-Dibromoethane	11.081	107	20940	22.704	ug/l	99
64) Tetrachloroethene	10.715	164	32957	26.000	ug/l	98
65) Chlorobenzene	11.514	112	85085	23.175	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	28237	22.951	ug/l	98
67) Ethyl Benzene	11.587	91	143344	22.502	ug/l	95
68) m/p-Xylenes	11.697	106	116836	47.134	ug/l	95
69) o-Xylene	12.026	106	54665	22.933	ug/l	96
70) Styrene	12.038	104	91193	23.158	ug/l	98
71) Bromoform	12.203	173	16502	24.444	ug/l #	95
73) Isopropylbenzene	12.325	105	144439	22.213	ug/l	99
74) N-amyl acetate	12.142	43	26985	20.266	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	24643	21.344	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	16038m	19.201	ug/l	
77) Bromobenzene	12.605	156	34762	23.117	ug/l	90
78) n-propylbenzene	12.666	91	165529	21.752	ug/l	96
79) 2-Chlorotoluene	12.751	91	93738	21.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	113602	22.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	7204	22.591	ug/l	96
82) 4-Chlorotoluene	12.849	91	93962	21.722	ug/l	97
83) tert-Butylbenzene	13.074	119	106652	22.361	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	111532	21.653	ug/l	98
85) sec-Butylbenzene	13.251	105	152084	22.357	ug/l	98
86) p-Isopropyltoluene	13.367	119	130027	22.546	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	67534	22.266	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	68299	22.947	ug/l	99
89) n-Butylbenzene	13.696	91	116372	22.387	ug/l	98
90) Hexachloroethane	13.958	117	24118	23.021	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	58913	22.737	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3449	20.630	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	33707	23.351	ug/l	98
94) Hexachlorobutadiene	15.111	225	19127	25.788	ug/l	97
95) Naphthalene	15.233	128	62058	23.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28132	23.065	ug/l	98

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

