

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018721.D
 Acq On : 27 Jun 2024 16:13
 Operator : SY/MD
 Sample : VY0627SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBSD02

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 03:16:03 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	7.776	168	125118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	199198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60389	47.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.880%			
35) Dibromofluoromethane	7.703	113	66180	54.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.920%			
50) Toluene-d8	10.172	98	255704	54.719	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.440%			
62) 4-Bromofluorobenzene	12.477	95	78888	53.461	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	20306	24.641	ug/l	96
3) Chloromethane	2.101	50	37560	22.130	ug/l	99
4) Vinyl Chloride	2.241	62	47564	22.630	ug/l	99
5) Bromomethane	2.625	94	34765	22.253	ug/l	91
6) Chloroethane	2.777	64	29765	21.618	ug/l	99
7) Trichlorofluoromethane	3.100	101	59029	26.080	ug/l	99
8) Diethyl Ether	3.509	74	14959	23.180	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.875	101	31179	26.365	ug/l	97
10) Methyl Iodide	4.070	142	28083	20.061	ug/l	98
11) Tert butyl alcohol	4.936	59	15541	68.588	ug/l	100
12) 1,1-Dichloroethene	3.856	96	29384	24.725	ug/l	91
13) Acrolein	3.710	56	4169	57.231	ug/l	98
14) Allyl chloride	4.454	41	34116	21.293	ug/l	97
15) Acrylonitrile	5.143	53	28670	99.864	ug/l	97
16) Acetone	3.924	43	23848	93.053	ug/l #	87
17) Carbon Disulfide	4.173	76	81668	23.872	ug/l	98
18) Methyl Acetate	4.466	43	14242	21.909	ug/l	99
19) Methyl tert-butyl Ether	5.198	73	66062	20.838	ug/l	99
20) Methylene Chloride	4.692	84	46586	25.019	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	31490	23.276	ug/l	98
22) Diisopropyl ether	6.100	45	79172	21.889	ug/l	94
23) Vinyl Acetate	6.039	43	303245	99.572	ug/l	99
24) 1,1-Dichloroethane	5.996	63	50772	21.788	ug/l	96
25) 2-Butanone	6.972	43	37585	97.837	ug/l	97
26) 2,2-Dichloropropane	6.966	77	42287	21.539	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	36613	22.406	ug/l	99
28) Bromochloromethane	7.319	49	17221	18.031	ug/l	98
29) Tetrahydrofuran	7.338	42	23316	98.901	ug/l	99
30) Chloroform	7.490	83	55979	22.043	ug/l	99
31) Cyclohexane	7.770	56	44549	23.087	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	50703	23.502	ug/l	99
36) 1,1-Dichloropropene	7.905	75	40338	24.117	ug/l	98
37) Ethyl Acetate	7.057	43	16799	21.306	ug/l #	96
38) Carbon Tetrachloride	7.892	117	45170	25.741	ug/l	96
39) Methylcyclohexane	9.173	83	55249	26.958	ug/l	98
40) Benzene	8.148	78	124873	24.140	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	8258m	20.824	ug/l	
42) 1,2-Dichloroethane	8.222	62	30198	22.377	ug/l	98
43) Isopropyl Acetate	8.264	43	31350	21.303	ug/l #	84
44) Trichloroethene	8.929	130	34276	25.309	ug/l	94
45) 1,2-Dichloropropane	9.203	63	26856	22.705	ug/l	95
46) Dibromomethane	9.294	93	17079	23.271	ug/l	98
47) Bromodichloromethane	9.490	83	41272	23.562	ug/l	98
48) Methyl methacrylate	9.282	41	14520	21.916	ug/l	98
49) 1,4-Dioxane	9.288	88	3831	396.900	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	80839	104.285	ug/l	99
52) Toluene	10.239	92	81447	24.524	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	34885	22.789	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	43429	23.510	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	22857	23.415	ug/l	93
56) Ethyl methacrylate	10.508	69	29067	22.755	ug/l	96
57) 1,3-Dichloropropane	10.782	76	37640	23.212	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	54345	88.128	ug/l	96
59) 2-Hexanone	10.825	43	56115	103.346	ug/l	98
60) Dibromochloromethane	10.977	129	29275	24.142	ug/l	99
61) 1,2-Dibromoethane	11.081	107	21212	23.513	ug/l	95
64) Tetrachloroethene	10.715	164	34575	27.438	ug/l	96
65) Chlorobenzene	11.508	112	90418	24.774	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	29383	24.024	ug/l	97
67) Ethyl Benzene	11.587	91	152556	24.090	ug/l	96
68) m/p-Xylenes	11.697	106	120736	48.996	ug/l	100
69) o-Xylene	12.026	106	56164	23.701	ug/l	100
70) Styrene	12.038	104	95742	24.457	ug/l	98
71) Bromoform	12.203	173	16427	24.477	ug/l #	100
73) Isopropylbenzene	12.324	105	149218	23.705	ug/l	99
74) N-amyl acetate	12.142	43	26859	20.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	24190	21.643	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	15941m	19.714	ug/l	
77) Bromobenzene	12.605	156	35351	24.284	ug/l	92
78) n-propylbenzene	12.666	91	175127	23.773	ug/l	96
79) 2-Chlorotoluene	12.751	91	96788	23.275	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	120718	24.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	7276	23.569	ug/l	98
82) 4-Chlorotoluene	12.849	91	99537	23.770	ug/l	97
83) tert-Butylbenzene	13.074	119	112222	24.305	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	117910	23.647	ug/l	98
85) sec-Butylbenzene	13.251	105	160919	24.436	ug/l	99
86) p-Isopropyltoluene	13.367	119	136987	24.537	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	70031	23.851	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68681	23.837	ug/l	99
89) n-Butylbenzene	13.696	91	123352	24.513	ug/l	99
90) Hexachloroethane	13.958	117	26032	25.668	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	60291	24.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3638	22.478	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	32829	23.493	ug/l	98
94) Hexachlorobutadiene	15.111	225	19734	27.485	ug/l	98
95) Naphthalene	15.232	128	57277	21.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	27527	23.314	ug/l	96

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

