

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018727.D
 Acq On : 28 Jun 2024 11:56
 Operator : SY/MD
 Sample : VY0628SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBS01

Quant Time: Jul 01 01:44:14 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	126907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64057	50.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.280%			
35) Dibromofluoromethane	7.704	113	75123	60.581	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.160%			
50) Toluene-d8	10.173	98	275088	57.686	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.380%			
62) 4-Bromofluorobenzene	12.477	95	84835	56.338	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	21797	26.078	ug/l	94
3) Chloromethane	2.107	50	30473	17.702	ug/l	100
4) Vinyl Chloride	2.241	62	40242	18.876	ug/l	98
5) Bromomethane	2.637	94	30120	19.008	ug/l	100
6) Chloroethane	2.778	64	26165	18.735	ug/l	97
7) Trichlorofluoromethane	3.107	101	50161	21.850	ug/l	88
8) Diethyl Ether	3.515	74	12568	19.200	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	28382	23.662	ug/l	97
10) Methyl Iodide	4.076	142	30154	21.197	ug/l	97
11) Tert butyl alcohol	4.942	59	12452m	54.181	ug/l	
12) 1,1-Dichloroethene	3.857	96	26248	21.775	ug/l	97
13) Acrolein	3.716	56	3744	50.672	ug/l	95
14) Allyl chloride	4.466	41	31355	19.294	ug/l	98
15) Acrylonitrile	5.143	53	25102	86.203	ug/l	99
16) Acetone	3.930	43	20830	80.131	ug/l	94
17) Carbon Disulfide	4.180	76	71957	21.028	ug/l #	95
18) Methyl Acetate	4.454	43	12853	19.493	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	60078	18.684	ug/l #	90
20) Methylene Chloride	4.698	84	47997	25.585	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	29594	21.567	ug/l	89
22) Diisopropyl ether	6.100	45	68102	18.563	ug/l	94
23) Vinyl Acetate	6.045	43	257975	86.939	ug/l	99
24) 1,1-Dichloroethane	6.003	63	47280	20.004	ug/l	99
25) 2-Butanone	6.978	43	31780	81.560	ug/l	95
26) 2,2-Dichloropropane	6.966	77	38715	19.442	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	33305	20.094	ug/l	97
28) Bromochloromethane	7.319	49	17357	17.917	ug/l	89
29) Tetrahydrofuran	7.332	42	19706	82.410	ug/l	97
30) Chloroform	7.496	83	51868	20.137	ug/l	94
31) Cyclohexane	7.771	56	40130	20.504	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	45886	20.969	ug/l	98
36) 1,1-Dichloropropene	7.905	75	36447	21.353	ug/l	98
37) Ethyl Acetate	7.063	43	14621	18.171	ug/l	98
38) Carbon Tetrachloride	7.899	117	41238	23.029	ug/l	96
39) Methylcyclohexane	9.179	83	48069	22.984	ug/l	99
40) Benzene	8.149	78	112606	21.332	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	8731m	21.575	ug/l	
42) 1,2-Dichloroethane	8.228	62	27841	20.216	ug/l	98
43) Isopropyl Acetate	8.264	43	26155	17.416	ug/l	98
44) Trichloroethene	8.935	130	31882	23.069	ug/l	98
45) 1,2-Dichloropropane	9.209	63	24574	20.359	ug/l	97
46) Dibromomethane	9.301	93	15207	20.304	ug/l	93
47) Bromodichloromethane	9.490	83	37489	20.972	ug/l	96
48) Methyl methacrylate	9.283	41	11757	17.390	ug/l #	92
49) 1,4-Dioxane	9.295	88	3442	349.441	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	67726	85.615	ug/l	100
52) Toluene	10.240	92	74664	22.030	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	30784	19.707	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	37734	20.017	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	20424	20.503	ug/l	93
56) Ethyl methacrylate	10.508	69	25004	19.182	ug/l	97
57) 1,3-Dichloropropane	10.788	76	33307	20.128	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	60240	95.726	ug/l	91
59) 2-Hexanone	10.825	43	45664	82.411	ug/l	99
60) Dibromochloromethane	10.977	129	26790	21.649	ug/l	99
61) 1,2-Dibromoethane	11.081	107	19542	21.227	ug/l	99
64) Tetrachloroethene	10.715	164	30527	24.660	ug/l	98
65) Chlorobenzene	11.514	112	82309	22.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	26825	22.326	ug/l	99
67) Ethyl Benzene	11.587	91	136423	21.929	ug/l	96
68) m/p-Xylenes	11.697	106	110933	45.826	ug/l	96
69) o-Xylene	12.026	106	52819	22.690	ug/l	95
70) Styrene	12.038	104	85291	22.178	ug/l	98
71) Bromoform	12.203	173	15034	22.804	ug/l #	96
73) Isopropylbenzene	12.325	105	133721	21.138	ug/l	96
74) N-amyl acetate	12.142	43	23020	17.770	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	21706	19.324	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	14311m	17.610	ug/l	
77) Bromobenzene	12.605	156	32895	22.485	ug/l	89
78) n-propylbenzene	12.666	91	154826	20.913	ug/l	97
79) 2-Chlorotoluene	12.751	91	85893	20.553	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	107454	21.432	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	6232	20.087	ug/l	96
82) 4-Chlorotoluene	12.855	91	86054	20.448	ug/l	93
83) tert-Butylbenzene	13.075	119	101825	21.944	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	103880	20.730	ug/l	99
85) sec-Butylbenzene	13.251	105	141553	21.388	ug/l	97
86) p-Isopropyltoluene	13.367	119	118988	21.207	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	63334	21.463	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	61583	21.267	ug/l	98
89) n-Butylbenzene	13.696	91	102322	20.233	ug/l	97
90) Hexachloroethane	13.959	117	21660	21.251	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	55263	21.923	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2775	17.061	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	29314	20.873	ug/l	99
94) Hexachlorobutadiene	15.111	225	17813	24.686	ug/l	98
95) Naphthalene	15.233	128	49741	18.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25250	21.279	ug/l	99

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

