

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018440.D
 Acq On : 03 Jun 2024 14:59
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 04 05:41:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	53705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	84101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	77930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59298	56.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.440%			
35) Dibromofluoromethane	7.710	113	60124	56.377	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.760%			
50) Toluene-d8	10.173	98	239968	56.561	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.120%			
62) 4-Bromofluorobenzene	12.477	95	76409	57.843	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	20331	23.837	ug/l	96
3) Chloromethane	2.101	50	36458	22.920	ug/l	99
4) Vinyl Chloride	2.235	62	45216	23.765	ug/l	94
5) Bromomethane	2.631	94	29779	23.460	ug/l	99
6) Chloroethane	2.778	64	28565	23.779	ug/l	97
7) Trichlorofluoromethane	3.107	101	45154	22.938	ug/l	99
8) Diethyl Ether	3.521	74	13092	22.103	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	24864	21.691	ug/l	92
10) Methyl Iodide	4.076	142	24247	21.536	ug/l	96
11) Tert butyl alcohol	4.930	59	17319	107.380	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	24672	21.898	ug/l	93
13) Acrolein	3.710	56	9363	86.730	ug/l	99
14) Allyl chloride	4.460	41	36964	22.402	ug/l	93
15) Acrylonitrile	5.137	53	29315	108.224	ug/l	98
16) Acetone	3.930	43	22533	96.259	ug/l #	85
17) Carbon Disulfide	4.174	76	74448	22.526	ug/l	96
18) Methyl Acetate	4.460	43	12464	21.293	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	58943	21.708	ug/l	97
20) Methylene Chloride	4.692	84	33985	23.836	ug/l #	91
21) trans-1,2-Dichloroethene	5.198	96	27023	22.476	ug/l	90
22) Diisopropyl ether	6.106	45	76428	22.744	ug/l	97
23) Vinyl Acetate	6.045	43	242821	111.034	ug/l	95
24) 1,1-Dichloroethane	5.997	63	46255	22.069	ug/l	98
25) 2-Butanone	6.972	43	36508	101.804	ug/l	90
26) 2,2-Dichloropropane	6.960	77	38379	20.834	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	30318	21.678	ug/l	94
28) Bromochloromethane	7.319	49	21820	22.623	ug/l #	80
29) Tetrahydrofuran	7.332	42	24732	106.194	ug/l	87
30) Chloroform	7.490	83	45135	21.471	ug/l	97
31) Cyclohexane	7.777	56	43258	21.998	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	40546	22.022	ug/l	96
36) 1,1-Dichloropropene	7.911	75	35907	22.082	ug/l	98
37) Ethyl Acetate	7.063	43	16534	20.354	ug/l #	96
38) Carbon Tetrachloride	7.886	117	34959	21.454	ug/l	92
39) Methylcyclohexane	9.173	83	46894	21.333	ug/l	92
40) Benzene	8.149	78	106781	21.916	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8405m	21.271	ug/l	
42) 1,2-Dichloroethane	8.228	62	26580	22.439	ug/l	99
43) Isopropyl Acetate	8.264	43	32448	21.362	ug/l	95
44) Trichloroethene	8.935	130	26505	21.952	ug/l	99
45) 1,2-Dichloropropane	9.209	63	24713	22.179	ug/l	96
46) Dibromomethane	9.295	93	13559	21.224	ug/l	92
47) Bromodichloromethane	9.490	83	32929	21.473	ug/l	98
48) Methyl methacrylate	9.283	41	14470	20.706	ug/l	90
49) 1,4-Dioxane	9.289	88	3775	449.980	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	83592	105.984	ug/l	91
52) Toluene	10.240	92	67404	22.493	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	30527	21.677	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	38286	22.080	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	18295	22.012	ug/l	95
56) Ethyl methacrylate	10.502	69	25432	21.744	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	32354	22.930	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	69224	110.217	ug/l	96
59) 2-Hexanone	10.825	43	56919	104.431	ug/l	93
60) Dibromochloromethane	10.977	129	21255	20.932	ug/l	100
61) 1,2-Dibromoethane	11.081	107	16954	21.662	ug/l	99
64) Tetrachloroethene	10.715	164	22737	19.807	ug/l	90
65) Chlorobenzene	11.514	112	68956	20.633	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	21390	19.794	ug/l	99
67) Ethyl Benzene	11.587	91	127536	20.966	ug/l	100
68) m/p-Xylenes	11.697	106	96369	42.073	ug/l	95
69) o-Xylene	12.026	106	44941	20.382	ug/l	95
70) Styrene	12.038	104	74618	20.713	ug/l	98
71) Bromoform	12.203	173	10333	18.151	ug/l #	100
73) Isopropylbenzene	12.325	105	121172	21.240	ug/l	98
74) N-amyl acetate	12.136	43	29942	21.562	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	20753	20.665	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	13351m	19.476	ug/l	
77) Bromobenzene	12.605	156	24240	20.012	ug/l	90
78) n-propylbenzene	12.666	91	147588	21.555	ug/l	98
79) 2-Chlorotoluene	12.751	91	80512	21.630	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	94941	21.368	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	5989	18.355	ug/l #	85
82) 4-Chlorotoluene	12.849	91	80859	21.587	ug/l	99
83) tert-Butylbenzene	13.068	119	87576	21.315	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	93475	21.489	ug/l	97
85) sec-Butylbenzene	13.251	105	131395	21.715	ug/l	98
86) p-Isopropyltoluene	13.367	119	106128	21.732	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	49753	20.823	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	49601	21.131	ug/l	97
89) n-Butylbenzene	13.690	91	104900	22.605	ug/l	97
90) Hexachloroethane	13.959	117	18318	20.012	ug/l	85
91) 1,2-Dichlorobenzene	13.733	146	42904	20.635	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3036	19.867	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	22505	20.014	ug/l	95
94) Hexachlorobutadiene	15.105	225	11712	19.611	ug/l	95
95) Naphthalene	15.233	128	45475	20.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	18751	19.709	ug/l	99

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

