

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018437.D
 Acq On : 03 Jun 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 05:40:50 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	7.783	168	59679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	95003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	86546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53750	45.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.720%		
35) Dibromofluoromethane	7.703	113	53126	44.099	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.200%		
50) Toluene-d8	10.173	98	211318	44.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.180%		
62) 4-Bromofluorobenzene	12.477	95	66842	44.794	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39541	41.719	ug/l	100
3) Chloromethane	2.107	50	72625	41.087	ug/l	97
4) Vinyl Chloride	2.241	62	89363	42.267	ug/l	95
5) Bromomethane	2.637	94	59281	42.027	ug/l	92
6) Chloroethane	2.778	64	57948	43.411	ug/l	96
7) Trichlorofluoromethane	3.113	101	93904	42.927	ug/l	98
8) Diethyl Ether	3.515	74	29229	44.408	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	54180	42.535	ug/l	94
10) Methyl Iodide	4.070	142	53450	42.721	ug/l	97
11) Tert butyl alcohol	4.942	59	34386	271.377	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	54875	43.830	ug/l	94
13) Acrolein	3.710	56	40879	340.760	ug/l	95
14) Allyl chloride	4.466	41	77080	42.038	ug/l	94
15) Acrylonitrile	5.143	53	72196	239.851	ug/l	97
16) Acetone	3.930	43	67018	257.636	ug/l #	84
17) Carbon Disulfide	4.180	76	152233	41.450	ug/l	97
18) Methyl Acetate	4.466	43	30668	47.147	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	143601	47.591	ug/l	97
20) Methylene Chloride	4.698	84	63624	43.636	ug/l #	89
21) trans-1,2-Dichloroethene	5.198	96	59628	44.630	ug/l	98
22) Diisopropyl ether	6.106	45	175716	47.057	ug/l	96
23) Vinyl Acetate	6.045	43	598912	246.448	ug/l	94
24) 1,1-Dichloroethane	6.003	63	104163	44.723	ug/l	98
25) 2-Butanone	6.972	43	101845	255.570	ug/l	90
26) 2,2-Dichloropropane	6.966	77	88421	43.194	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	69096	44.459	ug/l	94
28) Bromochloromethane	7.319	49	50396	47.020	ug/l	85
29) Tetrahydrofuran	7.338	42	65324	252.411	ug/l	88
30) Chloroform	7.496	83	106749	45.698	ug/l	98
31) Cyclohexane	7.777	56	92504	42.332	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	92241	45.084	ug/l	98
36) 1,1-Dichloropropene	7.911	75	78396	42.679	ug/l	99
37) Ethyl Acetate	7.063	43	40608	44.252	ug/l #	97
38) Carbon Tetrachloride	7.892	117	78522	42.658	ug/l	99
39) Methylcyclohexane	9.173	83	106103	42.729	ug/l	94
40) Benzene	8.149	78	243233	44.194	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	18461	41.360	ug/l	92
42) 1,2-Dichloroethane	8.228	62	60638	45.317	ug/l	99
43) Isopropyl Acetate	8.264	43	83747	48.808	ug/l	91
44) Trichloroethene	8.935	130	58198	42.670	ug/l	99
45) 1,2-Dichloropropane	9.209	63	56433	44.835	ug/l	94
46) Dibromomethane	9.301	93	33173	45.968	ug/l	91
47) Bromodichloromethane	9.490	83	77915	44.978	ug/l	100
48) Methyl methacrylate	9.282	41	37538	47.550	ug/l	89
49) 1,4-Dioxane	9.295	88	9518	1004.351	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	220327	247.290	ug/l	94
52) Toluene	10.240	92	153875	45.456	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	76685	48.205	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	90666	46.288	ug/l #	92
55) 1,1,2-Trichloroethane	10.636	97	44785	47.700	ug/l	93
56) Ethyl methacrylate	10.508	69	65996	49.951	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	77720	48.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	185104	260.898	ug/l	96
59) 2-Hexanone	10.825	43	161285	261.956	ug/l	93
60) Dibromochloromethane	10.977	129	53773	46.880	ug/l	99
61) 1,2-Dibromoethane	11.081	107	42537	48.112	ug/l	97
64) Tetrachloroethene	10.715	164	51819	40.648	ug/l	94
65) Chlorobenzene	11.514	112	163973	44.180	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	52060	43.380	ug/l	99
67) Ethyl Benzene	11.587	91	294944	43.660	ug/l	100
68) m/p-Xylenes	11.697	106	224308	88.181	ug/l	100
69) o-Xylene	12.026	106	105977	43.279	ug/l	99
70) Styrene	12.038	104	176104	44.017	ug/l	99
71) Bromoform	12.203	173	28854	45.639	ug/l #	100
73) Isopropylbenzene	12.325	105	274279	41.043	ug/l	100
74) N-amyl acetate	12.142	43	69736	42.871	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	52434	44.572	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	31296m	38.972	ug/l	
77) Bromobenzene	12.605	156	61185	43.121	ug/l	98
78) n-propylbenzene	12.666	91	324920	40.510	ug/l	100
79) 2-Chlorotoluene	12.751	91	175783	40.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	214964	41.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16354	42.786	ug/l	95
82) 4-Chlorotoluene	12.849	91	178889	40.769	ug/l	97
83) tert-Butylbenzene	13.068	119	203509	42.283	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	211931	41.591	ug/l	99
85) sec-Butylbenzene	13.251	105	291194	41.082	ug/l	98
86) p-Isopropyltoluene	13.367	119	240656	42.068	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	120344	42.997	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	119989	43.637	ug/l	99
89) n-Butylbenzene	13.690	91	229149	42.153	ug/l	98
90) Hexachloroethane	13.958	117	44718	41.704	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	106899	43.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7803	43.589	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	62781	47.661	ug/l	97
94) Hexachlorobutadiene	15.111	225	30952	44.244	ug/l	97
95) Naphthalene	15.233	128	127880	48.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	51373	46.096	ug/l	98

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

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