

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018454.D
 Acq On : 03 Jun 2024 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Jun 04 05:44:47 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

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	44863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	67300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50831	50.000	ug/l	0.00

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 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50280	57.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.140%	
35) Dibromofluoromethane	7.710	113	49325	53.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.173	98	191624	52.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	12.477	95	61457	53.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.860%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	31622	44.382	ug/l	99
3) Chloromethane	2.101	50	77113	58.034	ug/l	94
4) Vinyl Chloride	2.235	62	93074	58.561	ug/l	95
5) Bromomethane	2.638	94	61011	57.538	ug/l	98
6) Chloroethane	2.778	64	61656	61.442	ug/l	96
7) Trichlorofluoromethane	3.107	101	91880	55.873	ug/l	92
8) Diethyl Ether	3.509	74	27468	55.514	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.875	101	50177	52.402	ug/l	92
10) Methyl Iodide	4.070	142	51210	54.448	ug/l	95
11) Tert butyl alcohol	4.936	59	25014	258.728	ug/l #	77
12) 1,1-Dichloroethene	3.851	96	49807	52.920	ug/l	96
13) Acrolein	3.711	56	26013	288.451	ug/l	97
14) Allyl chloride	4.460	41	81646	59.233	ug/l #	94
15) Acrylonitrile	5.143	53	71450	315.765	ug/l	98
16) Acetone	3.930	43	51019	260.904	ug/l #	87
17) Carbon Disulfide	4.180	76	143198	51.866	ug/l	99
18) Methyl Acetate	4.454	43	32228	65.907	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	136956	60.379	ug/l	94
20) Methylene Chloride	4.692	84	64257	61.616	ug/l #	88
21) trans-1,2-Dichloroethene	5.198	96	56304	56.059	ug/l	98
22) Diisopropyl ether	6.106	45	178699	63.660	ug/l #	95
23) Vinyl Acetate	6.045	43	575050	314.775	ug/l	95
24) 1,1-Dichloroethane	5.997	63	105070	60.010	ug/l	97
25) 2-Butanone	6.972	43	92041	307.245	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	77466	50.340	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	68468	58.604	ug/l	94
28) Bromochloromethane	7.320	49	49430	61.349	ug/l #	81
29) Tetrahydrofuran	7.338	42	63775	327.807	ug/l	87
30) Chloroform	7.496	83	105322	59.977	ug/l	99
31) Cyclohexane	7.771	56	87218	53.094	ug/l	97
32) 1,1,1-Trichloroethane	7.692	97	88790	57.729	ug/l	97
36) 1,1-Dichloropropene	7.905	75	77543	55.280	ug/l	96
37) Ethyl Acetate	7.064	43	41458	59.162	ug/l	98
38) Carbon Tetrachloride	7.887	117	75497	53.709	ug/l	99
39) Methylcyclohexane	9.173	83	99929	52.697	ug/l	94
40) Benzene	8.149	78	236762	56.332	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	21699	63.660	ug/l	92
42) 1,2-Dichloroethane	8.228	62	60110	58.826	ug/l	98
43) Isopropyl Acetate	8.265	43	82061	62.627	ug/l	90
44) Trichloroethene	8.929	130	57593	55.296	ug/l	96
45) 1,2-Dichloropropane	9.210	63	55669	57.916	ug/l	100
46) Dibromomethane	9.301	93	32365	58.729	ug/l	90
47) Bromodichloromethane	9.490	83	78857	59.611	ug/l	99
48) Methyl methacrylate	9.289	41	37327	61.917	ug/l	87
49) 1,4-Dioxane	9.283	88	9401	1299.031	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	221391	325.390	ug/l	92
52) Toluene	10.234	92	150394	58.178	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	71367	58.747	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	85711	57.302	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	43147	60.179	ug/l	89
56) Ethyl methacrylate	10.502	69	64480	63.909	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	75278	61.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.770	63	157376	290.469	ug/l	96
59) 2-Hexanone	10.825	43	153726	326.955	ug/l	91
60) Dibromochloromethane	10.978	129	51567	58.871	ug/l	97
61) 1,2-Dibromoethane	11.081	107	41141	60.935	ug/l	98
64) Tetrachloroethene	10.715	164	52280	52.737	ug/l	96
65) Chlorobenzene	11.514	112	157765	54.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.581	131	49623	53.174	ug/l	99
67) Ethyl Benzene	11.587	91	289565	55.122	ug/l	99
68) m/p-Xylenes	11.697	106	217442	109.927	ug/l	96
69) o-Xylene	12.026	106	103726	54.474	ug/l	95
70) Styrene	12.038	104	181075	58.202	ug/l	98
71) Bromoform	12.203	173	27177	55.279	ug/l #	98
73) Isopropylbenzene	12.325	105	275340	52.492	ug/l	100
74) N-amyl acetate	12.136	43	74721	58.523	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	52285	56.624	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31143m	49.409	ug/l	
77) Bromobenzene	12.605	156	56622	50.840	ug/l	88
78) n-propylbenzene	12.666	91	336678	53.478	ug/l	98
79) 2-Chlorotoluene	12.752	91	181251	52.958	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	220962	54.086	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	15980	53.264	ug/l	91
82) 4-Chlorotoluene	12.849	91	186418	54.127	ug/l	99
83) tert-Butylbenzene	13.069	119	196286	51.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	218140	54.540	ug/l	98
85) sec-Butylbenzene	13.245	105	300914	54.087	ug/l	99
86) p-Isopropyltoluene	13.361	119	241305	53.740	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	118348	53.871	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	113747	52.703	ug/l	97
89) n-Butylbenzene	13.690	91	229735	53.841	ug/l	100
90) Hexachloroethane	13.959	117	44384	52.736	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	103348	54.060	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6804	48.423	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	51300	49.617	ug/l	97
94) Hexachlorobutadiene	15.105	225	24810	45.182	ug/l	96
95) Naphthalene	15.233	128	113147	54.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44452	50.815	ug/l	95

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

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

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