

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020442.D
 Acq On : 25 Nov 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/26/2024
 Supervised By :Mahesh Dadoda 11/26/2024

Quant Time: Nov 26 00:50:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	144036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	242256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	211290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	100118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102060	61.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.340%			
35) Dibromofluoromethane	7.640	113	89217	57.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.860%			
50) Toluene-d8	10.109	98	350584	57.292	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.580%			
62) 4-Bromofluorobenzene	12.408	95	119881	60.942	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 121.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	68868	49.258	ug/l	100
3) Chloromethane	2.074	50	72873	38.749	ug/l	96
4) Vinyl Chloride	2.208	62	69743	36.362	ug/l	99
5) Bromomethane	2.605	94	43710	45.630	ug/l	93
6) Chloroethane	2.739	64	43355	38.748	ug/l	99
7) Trichlorofluoromethane	3.062	101	125641	47.138	ug/l	100
8) Diethyl Ether	3.458	74	40873	48.602	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	68803	43.345	ug/l	98
10) Methyl Iodide	4.007	142	96190	45.241	ug/l	92
11) Tert butyl alcohol	4.866	59	28628	235.556	ug/l	100
12) 1,1-Dichloroethene	3.793	96	70621	44.946	ug/l	94
13) Acrolein	3.659	56	20408	199.165	ug/l	97
14) Allyl chloride	4.391	41	128786	42.386	ug/l	97
15) Acrylonitrile	5.061	53	88595	238.318	ug/l	98
16) Acetone	3.873	43	73623	185.586	ug/l	100
17) Carbon Disulfide	4.110	76	228722	43.207	ug/l	99
18) Methyl Acetate	4.391	43	47968	51.873	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	207558	50.851	ug/l	99
20) Methylene Chloride	4.616	84	81198	48.333	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	82901	47.504	ug/l	94
22) Diisopropyl ether	6.025	45	272153	45.452	ug/l	97
23) Vinyl Acetate	5.964	43	728316	217.656	ug/l	98
24) 1,1-Dichloroethane	5.921	63	156287	46.235	ug/l	100
25) 2-Butanone	6.903	43	115981	227.095	ug/l	100
26) 2,2-Dichloropropane	6.884	77	115098	41.196	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	98029	50.999	ug/l	96
28) Bromochloromethane	7.250	49	63126	44.371	ug/l	93
29) Tetrahydrofuran	7.268	42	75302	246.696	ug/l	97
30) Chloroform	7.427	83	162968	49.926	ug/l	95
31) Cyclohexane	7.707	56	125447	40.666	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	147789	51.564	ug/l	97
36) 1,1-Dichloropropene	7.841	75	111307	46.913	ug/l	100
37) Ethyl Acetate	6.988	43	52914	48.684	ug/l	99
38) Carbon Tetrachloride	7.823	117	131820	53.212	ug/l	99
39) Methylcyclohexane	9.109	83	134606	45.332	ug/l	96
40) Benzene	8.085	78	350302	50.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	29890	48.332	ug/l	94
42) 1,2-Dichloroethane	8.165	62	101179	53.910	ug/l	99
43) Isopropyl Acetate	8.201	43	107519	50.869	ug/l #	90
44) Trichloroethene	8.866	130	84130	51.068	ug/l	100
45) 1,2-Dichloropropane	9.146	63	82642	49.817	ug/l	98
46) Dibromomethane	9.231	93	44605	52.460	ug/l	98
47) Bromodichloromethane	9.427	83	122769	52.305	ug/l	99
48) Methyl methacrylate	9.219	41	49144	48.631	ug/l	96
49) 1,4-Dioxane	9.231	88	9281	1060.971	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	268893	250.681	ug/l	99
52) Toluene	10.170	92	219498	51.648	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	110221	49.658	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	129009	50.774	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	57441	50.894	ug/l	97
56) Ethyl methacrylate	10.438	69	87214	51.454	ug/l	96
57) 1,3-Dichloropropane	10.719	76	104954	51.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	223074	277.555	ug/l	97
59) 2-Hexanone	10.762	43	180051	237.050	ug/l	98
60) Dibromochloromethane	10.914	129	81053	55.715	ug/l	100
61) 1,2-Dibromoethane	11.012	107	52711	50.400	ug/l	99
64) Tetrachloroethene	10.646	164	87159	57.226	ug/l	95
65) Chlorobenzene	11.444	112	232147	49.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	82208	52.236	ug/l	98
67) Ethyl Benzene	11.518	91	422349	48.595	ug/l	99
68) m/p-Xylenes	11.627	106	309124	98.744	ug/l	96
69) o-Xylene	11.957	106	149057	50.200	ug/l	97
70) Styrene	11.969	104	255345	51.759	ug/l	99
71) Bromoform	12.133	173	45611	55.610	ug/l #	99
73) Isopropylbenzene	12.255	105	393189	46.360	ug/l	100
74) N-amyl acetate	12.072	43	91804	44.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63455	46.294	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	49795m	52.769	ug/l	
77) Bromobenzene	12.536	156	88010	49.530	ug/l	98
78) n-propylbenzene	12.597	91	468903	46.068	ug/l	99
79) 2-Chlorotoluene	12.682	91	274535	46.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	326906	47.694	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	20178	41.899	ug/l	95
82) 4-Chlorotoluene	12.780	91	284335	47.077	ug/l	99
83) tert-Butylbenzene	12.999	119	289004	47.780	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	325508	47.901	ug/l	100
85) sec-Butylbenzene	13.176	105	407491	42.733	ug/l	99
86) p-Isopropyltoluene	13.292	119	346198	46.956	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	168410	46.874	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	166134	48.396	ug/l	99
89) n-Butylbenzene	13.621	91	317383	44.952	ug/l	99
90) Hexachloroethane	13.883	117	67104	47.156	ug/l	93
91) 1,2-Dichlorobenzene	13.664	146	147701	49.341	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10754	47.812	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	87702	48.455	ug/l	98
94) Hexachlorobutadiene	15.029	225	55115	49.886	ug/l	100
95) Naphthalene	15.151	128	161578	51.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	75744	48.944	ug/l	99

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

