

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020505.D
 Acq On : 04 Dec 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 03:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2024
 Supervised By :Semsettin Yesilyurt 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	160704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	250928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	213221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	100339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	80145	49.037	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.640	113	77473	49.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.080%		
50) Toluene-d8	10.109	98	289646	48.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.408	95	101429	48.212	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	74677	47.639	ug/l	99
3) Chloromethane	2.074	50	73116	46.067	ug/l	99
4) Vinyl Chloride	2.214	62	74776	46.208	ug/l	100
5) Bromomethane	2.604	94	44370	46.730	ug/l	100
6) Chloroethane	2.745	64	44679	45.047	ug/l	96
7) Trichlorofluoromethane	3.074	101	135676	44.765	ug/l	98
8) Diethyl Ether	3.470	74	40016	46.598	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.830	101	77177	43.702	ug/l	98
10) Methyl Iodide	4.019	142	91525	46.167	ug/l	95
11) Tert butyl alcohol	4.891	59	27315	257.637	ug/l	98
12) 1,1-Dichloroethene	3.805	96	74803	44.840	ug/l	93
13) Acrolein	3.659	56	20985	211.405	ug/l	97
14) Allyl chloride	4.397	41	132011	44.368	ug/l	96
15) Acrylonitrile	5.074	53	86246	241.043	ug/l	100
16) Acetone	3.879	43	111029	273.210	ug/l	98
17) Carbon Disulfide	4.122	76	224518	47.023	ug/l	99
18) Methyl Acetate	4.403	43	41439	47.976	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	201552	47.309	ug/l	99
20) Methylene Chloride	4.628	84	79010	45.704	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	82250	44.390	ug/l	98
22) Diisopropyl ether	6.031	45	266602	45.061	ug/l	98
23) Vinyl Acetate	5.970	43	746865	238.658	ug/l	99
24) 1,1-Dichloroethane	5.933	63	155547	43.669	ug/l	99
25) 2-Butanone	6.902	43	131980	257.190	ug/l	95
26) 2,2-Dichloropropane	6.896	77	146824	43.581	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	97760	45.184	ug/l	98
28) Bromochloromethane	7.250	49	71375	53.659	ug/l	92
29) Tetrahydrofuran	7.274	42	70621	241.231	ug/l	98
30) Chloroform	7.433	83	160362	43.866	ug/l	100
31) Cyclohexane	7.707	56	136809	42.485	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	153311	43.553	ug/l	98
36) 1,1-Dichloropropene	7.841	75	116711	43.750	ug/l	99
37) Ethyl Acetate	6.994	43	51014	48.269	ug/l	98
38) Carbon Tetrachloride	7.829	117	140598	44.159	ug/l	96
39) Methylcyclohexane	9.115	83	147936	44.690	ug/l	97
40) Benzene	8.085	78	345596	43.939	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	28119	46.802	ug/l	95
42) 1,2-Dichloroethane	8.164	62	97254	47.057	ug/l	99
43) Isopropyl Acetate	8.207	43	102175	47.877	ug/l	98
44) Trichloroethene	8.872	130	85278	43.981	ug/l	98
45) 1,2-Dichloropropane	9.146	63	80456	43.713	ug/l	99
46) Dibromomethane	9.237	93	42658	46.810	ug/l	97
47) Bromodichloromethane	9.426	83	120683	44.948	ug/l	99
48) Methyl methacrylate	9.225	41	48240	48.474	ug/l	96
49) 1,4-Dioxane	9.231	88	7827	898.547	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	257732	244.543	ug/l	98
52) Toluene	10.176	92	221172	45.070	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	111828	46.393	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	129705	45.531	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	57168	47.027	ug/l	95
56) Ethyl methacrylate	10.444	69	83002	48.255	ug/l	96
57) 1,3-Dichloropropane	10.719	76	101165	46.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	234906	291.684	ug/l	97
59) 2-Hexanone	10.768	43	197158	259.310	ug/l	99
60) Dibromochloromethane	10.914	129	78727	46.516	ug/l	100
61) 1,2-Dibromoethane	11.018	107	51544	46.366	ug/l	100
64) Tetrachloroethene	10.652	164	76167	42.276	ug/l	99
65) Chlorobenzene	11.444	112	230800	43.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	81439	42.967	ug/l	98
67) Ethyl Benzene	11.524	91	429545	42.878	ug/l	99
68) m/p-Xylenes	11.633	106	314712	85.794	ug/l	98
69) o-Xylene	11.956	106	150047	43.662	ug/l	99
70) Styrene	11.975	104	250558	43.701	ug/l	99
71) Bromoform	12.133	173	43857	45.511	ug/l #	99
73) Isopropylbenzene	12.261	105	405589	41.777	ug/l	99
74) N-amyl acetate	12.072	43	89192	46.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	62136	44.506	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	47423m	46.396	ug/l	
77) Bromobenzene	12.536	156	86366	42.958	ug/l	97
78) n-propylbenzene	12.597	91	477424	41.535	ug/l	99
79) 2-Chlorotoluene	12.682	91	272624	42.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	327757	42.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	22251	44.667	ug/l	96
82) 4-Chlorotoluene	12.779	91	280652	42.402	ug/l	99
83) tert-Butylbenzene	12.999	119	298883	42.492	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	318309	42.094	ug/l	100
85) sec-Butylbenzene	13.182	105	421143	41.778	ug/l	99
86) p-Isopropyltoluene	13.298	119	353762	42.468	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	167279	43.143	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	163215	42.999	ug/l	100
89) n-Butylbenzene	13.621	91	330670	42.800	ug/l	99
90) Hexachloroethane	13.889	117	67196	41.392	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	142784	43.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9916	46.916	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	83743	45.292	ug/l	99
94) Hexachlorobutadiene	15.029	225	55552	42.948	ug/l	98
95) Naphthalene	15.151	128	142887	47.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	68604	45.984	ug/l	99

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

