

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010258.D
 Acq On : 31 Aug 2022 20:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 23:43:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

09/01/2022

Supervised By :Mahesh

Dadoda

09/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80024	46.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.360%		
35) Dibromofluoromethane	7.710	113	86312	49.665	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.179	98	331364	51.304	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.477	95	111707	46.161	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73601	48.153	ug/l	99
3) Chloromethane	2.107	50	74567	47.909	ug/l	97
4) Vinyl Chloride	2.241	62	82037	46.908	ug/l	99
5) Bromomethane	2.643	94	58329	41.119	ug/l	99
6) Chloroethane	2.784	64	51641	43.513	ug/l	98
7) Trichlorofluoromethane	3.113	101	158544	48.358	ug/l	97
8) Diethyl Ether	3.521	74	49611	46.486	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	99314	53.321	ug/l	93
10) Methyl Iodide	4.076	142	123503	47.186	ug/l #	88
11) Tert butyl alcohol	4.942	59	36337	205.814	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	93215	49.790	ug/l	85
13) Acrolein	3.722	56	51807	223.836	ug/l	98
14) Allyl chloride	4.472	41	138582	54.227	ug/l #	89
15) Acrylonitrile	5.149	53	110500	226.630	ug/l	98
16) Acetone	3.936	43	82970	223.620	ug/l #	86
17) Carbon Disulfide	4.180	76	267968	47.567	ug/l	100
18) Methyl Acetate	4.472	43	55474	45.468	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	227544	46.852	ug/l	97
20) Methylene Chloride	4.704	84	117064	53.583	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	103753	50.449	ug/l	86
22) Diisopropyl ether	6.112	45	279953	54.421	ug/l #	90
23) Vinyl Acetate	6.051	43	806575	244.913	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	172202	53.436	ug/l	98
25) 2-Butanone	6.978	43	134855	211.037	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	143386	47.550	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	114904	49.149	ug/l	84
28) Bromochloromethane	7.325	49	58326	53.192	ug/l #	71
29) Tetrahydrofuran	7.338	42	92215	218.545	ug/l #	87
30) Chloroform	7.496	83	179272	49.124	ug/l	99
31) Cyclohexane	7.777	56	154641	49.055	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	165240	49.394	ug/l	95
36) 1,1-Dichloropropene	7.911	75	138300	52.210	ug/l	96
37) Ethyl Acetate	7.063	43	62218	44.565	ug/l #	94
38) Carbon Tetrachloride	7.892	117	156770	51.580	ug/l	98
39) Methylcyclohexane	9.179	83	171101	50.409	ug/l	90
40) Benzene	8.155	78	394336	50.413	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	33315m	42.237	ug/l	
42) 1,2-Dichloroethane	8.228	62	105249	45.521	ug/l	91
43) Isopropyl Acetate	8.270	43	117399	43.923	ug/l #	88
44) Trichloroethene	8.935	130	117702	48.763	ug/l	98
45) 1,2-Dichloropropane	9.209	63	94097	49.777	ug/l	97
46) Dibromomethane	9.301	93	53193	45.606	ug/l	92
47) Bromodichloromethane	9.490	83	131042	48.529	ug/l	100
48) Methyl methacrylate	9.289	41	53132	44.629	ug/l #	82
49) 1,4-Dioxane	9.295	88	13688	1082.431	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	310961	218.285	ug/l	90
52) Toluene	10.240	92	257042	50.359	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	128545	43.432	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	150675	47.401	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	76495	43.045	ug/l	97
56) Ethyl methacrylate	10.508	69	98011	42.410	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	126252	43.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	120105	204.598	ug/l	91
59) 2-Hexanone	10.831	43	213125	196.063	ug/l	88
60) Dibromochloromethane	10.983	129	98886	44.415	ug/l	97
61) 1,2-Dibromoethane	11.087	107	73011	41.657	ug/l	100
64) Tetrachloroethene	10.715	164	114899	49.228	ug/l	97
65) Chlorobenzene	11.514	112	277705	49.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	105087	49.972	ug/l	99
67) Ethyl Benzene	11.593	91	490227	51.570	ug/l	97
68) m/p-Xylenes	11.697	106	389322	102.676	ug/l	91
69) o-Xylene	12.026	106	181050	51.307	ug/l	92
70) Styrene	12.044	104	304346	51.441	ug/l	96
71) Bromoform	12.203	173	64124	46.129	ug/l #	98
73) Isopropylbenzene	12.325	105	493280	53.425	ug/l	99
74) N-amyl acetate	12.142	43	104972	43.671	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	83476	44.596	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	60442m	45.010	ug/l	
77) Bromobenzene	12.605	156	118520	50.230	ug/l	86
78) n-propylbenzene	12.666	91	583214	53.256	ug/l	97
79) 2-Chlorotoluene	12.751	91	323221	51.164	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	406953	51.885	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	28148	43.732	ug/l #	85
82) 4-Chlorotoluene	12.855	91	331983	50.091	ug/l	96
83) tert-Butylbenzene	13.074	119	366143	52.785	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	398734	51.763	ug/l	97
85) sec-Butylbenzene	13.251	105	533066	52.245	ug/l	97
86) p-Isopropyltoluene	13.367	119	447662	52.938	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	227394	48.764	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	227156	48.349	ug/l	98
89) n-Butylbenzene	13.696	91	451538	57.676	ug/l	99
90) Hexachloroethane	13.958	117	92041	54.017	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	217256	51.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14384	44.207	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	129525	46.805	ug/l	100
94) Hexachlorobutadiene	15.111	225	78797	48.073	ug/l	97
95) Naphthalene	15.233	128	242678	44.502	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	111283	45.321	ug/l	100

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

