

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010856.D
 Acq On : 06 Oct 2022 19:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 02:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	206600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120394	57.491	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.980%			
35) Dibromofluoromethane	7.716	113	113909	50.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.040%			
50) Toluene-d8	10.179	98	439361	56.982	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.960%			
62) 4-Bromofluorobenzene	12.477	95	146696	48.594	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68662	47.972	ug/l	97
3) Chloromethane	2.113	50	122443	51.433	ug/l	98
4) Vinyl Chloride	2.247	62	135290	47.195	ug/l	100
5) Bromomethane	2.643	94	93132	45.786	ug/l	99
6) Chloroethane	2.790	64	92901	48.629	ug/l	100
7) Trichlorofluoromethane	3.119	101	174913	50.104	ug/l	97
8) Diethyl Ether	3.521	74	65893	58.672	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	104325	52.125	ug/l	93
10) Methyl Iodide	4.088	142	138806	51.880	ug/l	92
11) Tert butyl alcohol	4.942	59	48356	266.951	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	101626	52.028	ug/l	86
13) Acrolein	3.729	56	29465	201.258	ug/l	97
14) Allyl chloride	4.479	41	171923	58.798	ug/l #	91
15) Acrylonitrile	5.155	53	171444	313.351	ug/l	98
16) Acetone	3.942	43	123969	233.086	ug/l #	89
17) Carbon Disulfide	4.186	76	330219	52.313	ug/l	99
18) Methyl Acetate	4.472	43	82668	60.848	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	293165	57.335	ug/l	99
20) Methylene Chloride	4.704	84	139904	61.192	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	122854	53.863	ug/l	91
22) Diisopropyl ether	6.112	45	387616	60.445	ug/l	94
23) Vinyl Acetate	6.051	43	1187290	305.654	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	223343	57.192	ug/l	98
25) 2-Butanone	6.978	43	206906	270.588	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	181566	48.982	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	142816	56.422	ug/l	90
28) Bromochloromethane	7.332	49	92018	62.356	ug/l	94
29) Tetrahydrofuran	7.338	42	139319	309.833	ug/l	90
30) Chloroform	7.502	83	229388	56.918	ug/l	100
31) Cyclohexane	7.783	56	185965	49.612	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	192352	52.982	ug/l	97
36) 1,1-Dichloropropene	7.911	75	168148	51.662	ug/l	99
37) Ethyl Acetate	7.070	43	96066	60.147	ug/l	96
38) Carbon Tetrachloride	7.893	117	171278	50.524	ug/l	99
39) Methylcyclohexane	9.179	83	199737	49.960	ug/l	94
40) Benzene	8.155	78	512757	54.689	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	46861m	50.086	ug/l	
42) 1,2-Dichloroethane	8.234	62	148593	56.059	ug/l	93
43) Isopropyl Acetate	8.271	43	166777	57.693	ug/l #	90
44) Trichloroethene	8.935	130	132609	52.236	ug/l	95
45) 1,2-Dichloropropane	9.215	63	130458	57.718	ug/l	96
46) Dibromomethane	9.301	93	73988	57.229	ug/l	95
47) Bromodichloromethane	9.490	83	177579	56.916	ug/l	99
48) Methyl methacrylate	9.289	41	77373	56.986	ug/l #	84
49) 1,4-Dioxane	9.295	88	18825	1182.850	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	476782	301.464	ug/l	91
52) Toluene	10.240	92	319602	53.561	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	179691	55.627	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	207096	55.985	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	101834	56.135	ug/l	98
56) Ethyl methacrylate	10.508	69	136448	58.540	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	177898	57.679	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	348428	286.518	ug/l	98
59) 2-Hexanone	10.831	43	320394	292.498	ug/l	89
60) Dibromochloromethane	10.983	129	123020	56.560	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97229	56.211	ug/l	99
64) Tetrachloroethene	10.715	164	127497	51.313	ug/l	94
65) Chlorobenzene	11.514	112	340595	52.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	127274	53.656	ug/l	97
67) Ethyl Benzene	11.587	91	617799	52.898	ug/l	99
68) m/p-Xylenes	11.697	106	472906	103.466	ug/l	95
69) o-Xylene	12.026	106	226083	52.906	ug/l	95
70) Styrene	12.038	104	389307	54.056	ug/l	96
71) Bromoform	12.203	173	76366	54.086	ug/l #	100
73) Isopropylbenzene	12.325	105	589890	51.750	ug/l	99
74) N-amyl acetate	12.142	43	144527	55.168	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	117015	54.945	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	83897m	53.430	ug/l	
77) Bromobenzene	12.605	156	138302	52.890	ug/l	98
78) n-propylbenzene	12.666	91	721446	51.967	ug/l	100
79) 2-Chlorotoluene	12.751	91	407711	52.494	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	498889	51.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	39912	53.096	ug/l	89
82) 4-Chlorotoluene	12.849	91	420560	51.784	ug/l	99
83) tert-Butylbenzene	13.075	119	428943	52.187	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	498952	52.639	ug/l	99
85) sec-Butylbenzene	13.251	105	631639	51.052	ug/l	100
86) p-Isopropyltoluene	13.367	119	537623	51.793	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	276220	52.044	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	270728	51.514	ug/l	99
89) n-Butylbenzene	13.696	91	495931	51.918	ug/l	99
90) Hexachloroethane	13.959	117	102619	51.684	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	245597	53.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17823	52.045	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	139725	51.477	ug/l	99
94) Hexachlorobutadiene	15.111	225	80670	48.203	ug/l	98
95) Naphthalene	15.233	128	281608	54.436	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	121121	52.347	ug/l	98

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

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