

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010807.D
 Acq On : 05 Oct 2022 09:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 11:16:57 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	240398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127199	52.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.400%			
35) Dibromofluoromethane	7.716	113	121579	47.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.780%			
50) Toluene-d8	10.179	98	486615	56.048	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.100%			
62) 4-Bromofluorobenzene	12.483	95	162632	47.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83688	50.250	ug/l	100
3) Chloromethane	2.113	50	144341	52.107	ug/l	99
4) Vinyl Chloride	2.247	62	165372	49.579	ug/l	100
5) Bromomethane	2.650	94	110183	46.553	ug/l	100
6) Chloroethane	2.790	64	108602	48.856	ug/l	99
7) Trichlorofluoromethane	3.125	101	204070	50.238	ug/l	92
8) Diethyl Ether	3.527	74	67169	51.400	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	119113	51.146	ug/l	94
10) Methyl Iodide	4.088	142	152647	49.032	ug/l	92
11) Tert butyl alcohol	4.942	59	53767	252.984	ug/l	97
12) 1,1-Dichloroethene	3.869	96	116587	51.296	ug/l	92
13) Acrolein	3.729	56	43693	260.719	ug/l	100
14) Allyl chloride	4.478	41	183031	53.796	ug/l #	93
15) Acrylonitrile	5.155	53	167728	263.459	ug/l	98
16) Acetone	3.942	43	163913	264.859	ug/l	91
17) Carbon Disulfide	4.192	76	376613	51.275	ug/l	99
18) Methyl Acetate	4.472	43	80560	50.857	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	307371	51.662	ug/l	96
20) Methylene Chloride	4.710	84	139752	51.707	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	135766	51.156	ug/l	90
22) Diisopropyl ether	6.112	45	404428	54.200	ug/l	94
23) Vinyl Acetate	6.057	43	1233220	272.844	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	240917	53.019	ug/l	99
25) 2-Butanone	6.978	43	228964	257.337	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	216005	50.080	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	152714	51.850	ug/l	91
28) Bromochloromethane	7.332	49	95301	56.009	ug/l	92
29) Tetrahydrofuran	7.344	42	139260	266.160	ug/l	89
30) Chloroform	7.502	83	245396	52.329	ug/l	100
31) Cyclohexane	7.783	56	219802	50.395	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	215856	51.097	ug/l	97
36) 1,1-Dichloropropene	7.917	75	191616	52.284	ug/l	98
37) Ethyl Acetate	7.069	43	93540	52.012	ug/l #	94
38) Carbon Tetrachloride	7.899	117	197028	51.616	ug/l	100
39) Methylcyclohexane	9.179	83	236237	52.477	ug/l	94
40) Benzene	8.155	78	552499	52.333	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	53651m	53.436	ug/l	
42) 1,2-Dichloroethane	8.234	62	155329	52.042	ug/l	93
43) Isopropyl Acetate	8.270	43	171440	52.669	ug/l #	91
44) Trichloroethene	8.935	130	145565	50.923	ug/l	95
45) 1,2-Dichloropropane	9.215	63	138101	54.262	ug/l	96
46) Dibromomethane	9.301	93	76314	52.422	ug/l	96
47) Bromodichloromethane	9.496	83	188135	53.551	ug/l	99
48) Methyl methacrylate	9.289	41	81492	53.303	ug/l #	84
49) 1,4-Dioxane	9.295	88	18750	1046.298	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	481452	270.351	ug/l	91
52) Toluene	10.240	92	352666	52.488	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	191614	52.680	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	220918	53.038	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	105359	51.579	ug/l	99
56) Ethyl methacrylate	10.508	69	140645	53.588	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	185915	53.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	347397	256.657	ug/l	97
59) 2-Hexanone	10.831	43	335580	272.078	ug/l	88
60) Dibromochloromethane	10.983	129	129587	52.912	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99627	51.152	ug/l	99
64) Tetrachloroethene	10.721	164	143853	51.458	ug/l	99
65) Chlorobenzene	11.514	112	370735	50.777	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	137675	51.588	ug/l	97
67) Ethyl Benzene	11.593	91	678521	51.638	ug/l	97
68) m/p-Xylenes	11.703	106	528788	102.829	ug/l	95
69) o-Xylene	12.026	106	246499	51.270	ug/l	96
70) Styrene	12.044	104	426523	52.638	ug/l	95
71) Bromoform	12.209	173	80421	50.625	ug/l #	98
73) Isopropylbenzene	12.331	105	657236	50.629	ug/l	99
74) N-amyl acetate	12.142	43	156312	52.393	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	119030	49.078	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	94438m	53.219	ug/l	
77) Bromobenzene	12.611	156	150152	50.422	ug/l	98
78) n-propylbenzene	12.672	91	811064	51.303	ug/l	99
79) 2-Chlorotoluene	12.757	91	445332	50.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	556315	50.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	42981	50.209	ug/l	89
82) 4-Chlorotoluene	12.855	91	465377	50.317	ug/l	100
83) tert-Butylbenzene	13.075	119	476834	50.942	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	555361	51.448	ug/l	98
85) sec-Butylbenzene	13.251	105	722199	51.256	ug/l	100
86) p-Isopropyltoluene	13.367	119	614903	52.016	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	303680	50.243	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	303124	50.647	ug/l	99
89) n-Butylbenzene	13.696	91	570900	52.481	ug/l	99
90) Hexachloroethane	13.958	117	114137	50.477	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	267873	50.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19135	49.064	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	163376	52.854	ug/l	99
94) Hexachlorobutadiene	15.111	225	97942	51.389	ug/l	99
95) Naphthalene	15.233	128	319112	54.166	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	140505	53.322	ug/l	99

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

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