

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012072.D
 Acq On : 04 Jan 2023 16:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 00:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104472	52.506	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.020%			
35) Dibromofluoromethane	7.710	113	98574	55.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.900%			
50) Toluene-d8	10.179	98	373608	51.801	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.477	95	136030	56.079	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82658	52.353	ug/l	98
3) Chloromethane	2.113	50	77811	44.268	ug/l	98
4) Vinyl Chloride	2.247	62	89366	46.102	ug/l	97
5) Bromomethane	2.644	94	63761	46.235	ug/l	99
6) Chloroethane	2.790	64	60673	47.886	ug/l	99
7) Trichlorofluoromethane	3.119	101	181919	53.611	ug/l	98
8) Diethyl Ether	3.527	74	58742	56.105	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	99590	53.314	ug/l	96
10) Methyl Iodide	4.082	142	129416	50.074	ug/l	97
11) Tert butyl alcohol	4.942	59	49277	253.173	ug/l	100
12) 1,1-Dichloroethene	3.869	96	95162	50.929	ug/l	96
13) Acrolein	3.723	56	30829	165.750	ug/l	100
14) Allyl chloride	4.472	41	137052	49.808	ug/l	94
15) Acrylonitrile	5.155	53	141373	290.270	ug/l	100
16) Acetone	3.942	43	146098	246.018	ug/l	97
17) Carbon Disulfide	4.186	76	245094	41.121	ug/l	99
18) Methyl Acetate	4.472	43	75408	54.847	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	290645	60.623	ug/l	96
20) Methylene Chloride	4.710	84	135594	60.492	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	106269	50.053	ug/l	98
22) Diisopropyl ether	6.112	45	291197	53.733	ug/l	97
23) Vinyl Acetate	6.051	43	866625	277.945	ug/l	96
24) 1,1-Dichloroethane	6.015	63	186495	52.941	ug/l	99
25) 2-Butanone	6.978	43	177787	268.240	ug/l	93
26) 2,2-Dichloropropane	6.978	77	185026	53.677	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	124808	54.352	ug/l	97
28) Bromochloromethane	7.326	49	37668	38.967	ug/l	86
29) Tetrahydrofuran	7.338	42	104875	279.278	ug/l	92
30) Chloroform	7.502	83	208881	55.013	ug/l	98
31) Cyclohexane	7.777	56	149548	44.647	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	197637	54.726	ug/l	98
36) 1,1-Dichloropropene	7.911	75	145432	51.003	ug/l	98
37) Ethyl Acetate	7.070	43	71706	56.051	ug/l	96
38) Carbon Tetrachloride	7.899	117	182057	55.283	ug/l	96
39) Methylcyclohexane	9.179	83	172784	50.359	ug/l	96
40) Benzene	8.155	78	430088	52.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	31600m	51.081	ug/l	
42) 1,2-Dichloroethane	8.234	62	136012	57.899	ug/l	99
43) Isopropyl Acetate	8.271	43	135710	58.084	ug/l	97
44) Trichloroethene	8.935	130	125730	54.664	ug/l	96
45) 1,2-Dichloropropane	9.209	63	99516	52.782	ug/l	98
46) Dibromomethane	9.301	93	61761	56.868	ug/l	97
47) Bromodichloromethane	9.496	83	159286	57.812	ug/l	96
48) Methyl methacrylate	9.289	41	65455	60.505	ug/l	98
49) 1,4-Dioxane	9.295	88	17405	1342.297	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	367222	294.757	ug/l	97
52) Toluene	10.240	92	283579	54.545	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	162717	58.445	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	179607	57.393	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	89996	58.395	ug/l	97
56) Ethyl methacrylate	10.508	69	121553	62.294	ug/l	96
57) 1,3-Dichloropropane	10.788	76	149879	58.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	198028	263.003	ug/l	93
59) 2-Hexanone	10.831	43	265949	290.166	ug/l	97
60) Dibromochloromethane	10.983	129	118322	60.945	ug/l	99
61) 1,2-Dibromoethane	11.087	107	84151	58.363	ug/l	99
64) Tetrachloroethene	10.715	164	136173	56.815	ug/l	98
65) Chlorobenzene	11.514	112	308854	54.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	120378	56.907	ug/l	98
67) Ethyl Benzene	11.593	91	555533	54.055	ug/l	98
68) m/p-Xylenes	11.697	106	437176	109.381	ug/l	99
69) o-Xylene	12.026	106	209952	56.456	ug/l	98
70) Styrene	12.038	104	357543	57.260	ug/l	99
71) Bromoform	12.203	173	77059	61.478	ug/l #	98
73) Isopropylbenzene	12.325	105	565360	51.799	ug/l	99
74) N-amyl acetate	12.142	43	123684	55.275	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	94143	51.704	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	74694m	40.812	ug/l	
77) Bromobenzene	12.605	156	134595	53.303	ug/l	94
78) n-propylbenzene	12.666	91	669824	51.056	ug/l	99
79) 2-Chlorotoluene	12.751	91	378546	51.331	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	490633	52.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	36311	54.331	ug/l	98
82) 4-Chlorotoluene	12.855	91	392903	51.492	ug/l	98
83) tert-Butylbenzene	13.075	119	429806	54.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	486409	52.910	ug/l	99
85) sec-Butylbenzene	13.251	105	616475	52.129	ug/l	98
86) p-Isopropyltoluene	13.367	119	536684	53.784	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	268591	52.891	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	268580	53.201	ug/l	99
89) n-Butylbenzene	13.696	91	481189	53.269	ug/l	99
90) Hexachloroethane	13.959	117	99957	52.500	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	242736	54.828	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18632	59.543	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	161497	62.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	96696	57.462	ug/l	99
95) Naphthalene	15.233	128	319814	58.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	140997	64.036	ug/l	99

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

