

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013396.D
 Acq On : 24 Apr 2023 12:34
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:00:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	248732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129405	47.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.920%		
35) Dibromofluoromethane	7.716	113	114150	47.135	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.260%		
50) Toluene-d8	10.179	98	403823	46.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.740%		
62) 4-Bromofluorobenzene	12.483	95	135582	46.681	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121680	51.458	ug/l	99
3) Chloromethane	2.113	50	155008	48.904	ug/l	97
4) Vinyl Chloride	2.253	62	154172	48.851	ug/l	99
5) Bromomethane	2.656	94	117454	46.702	ug/l	98
6) Chloroethane	2.796	64	103169	47.319	ug/l	95
7) Trichlorofluoromethane	3.125	101	236940	49.558	ug/l	99
8) Diethyl Ether	3.528	74	82853	50.890	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	130112	48.517	ug/l	97
10) Methyl Iodide	4.088	142	183173	54.382	ug/l	100
11) Tert butyl alcohol	4.985	59	71237	245.355	ug/l #	96
12) 1,1-Dichloroethene	3.869	96	130618	50.529	ug/l	95
13) Acrolein	3.735	56	55931	234.208	ug/l	91
14) Allyl chloride	4.479	41	244844	51.046	ug/l	97
15) Acrylonitrile	5.161	53	235550	258.336	ug/l	98
16) Acetone	3.954	43	295285	274.995	ug/l	98
17) Carbon Disulfide	4.192	76	429530	51.153	ug/l	100
18) Methyl Acetate	4.479	43	180040	50.766	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	386960	51.851	ug/l	100
20) Methylene Chloride	4.710	84	165494	49.042	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	144591	51.157	ug/l	99
22) Diisopropyl ether	6.119	45	477880	50.973	ug/l	94
23) Vinyl Acetate	6.058	43	1399234m	261.621	ug/l	
24) 1,1-Dichloroethane	6.015	63	262793	50.294	ug/l	98
25) 2-Butanone	6.990	43	358215	263.047	ug/l	93
26) 2,2-Dichloropropane	6.978	77	225890	50.170	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	157473	50.426	ug/l	94
28) Bromochloromethane	7.332	49	91714	49.463	ug/l	82
29) Tetrahydrofuran	7.344	42	220785	260.456	ug/l	92
30) Chloroform	7.502	83	258701	49.797	ug/l	99
31) Cyclohexane	7.783	56	234575	48.050	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	233387	50.344	ug/l	97
36) 1,1-Dichloropropene	7.917	75	200294	49.833	ug/l	98
37) Ethyl Acetate	7.076	43	158648	52.452	ug/l #	94
38) Carbon Tetrachloride	7.899	117	213122	50.591	ug/l	96
39) Methylcyclohexane	9.185	83	241737	51.017	ug/l	98
40) Benzene	8.161	78	572486	50.565	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	72818	51.552	ug/l	94
42) 1,2-Dichloroethane	8.234	62	188905	51.035	ug/l	98
43) Isopropyl Acetate	8.271	43	263617	51.636	ug/l	96
44) Trichloroethene	8.941	130	151962	50.459	ug/l	100
45) 1,2-Dichloropropane	9.216	63	149143	50.382	ug/l	100
46) Dibromomethane	9.301	93	89803	50.701	ug/l	96
47) Bromodichloromethane	9.496	83	200814	50.668	ug/l	99
48) Methyl methacrylate	9.295	41	125396	53.481	ug/l	92
49) 1,4-Dioxane	9.319	88	26482	1046.845	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	750650	263.858	ug/l	95
52) Toluene	10.246	92	348075	51.089	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	217073	51.751	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	240093	50.868	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	118583	50.555	ug/l	97
56) Ethyl methacrylate	10.508	69	174372	53.583	ug/l	90
57) 1,3-Dichloropropane	10.788	76	200987	50.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	287004	235.195	ug/l	93
59) 2-Hexanone	10.831	43	561120	271.333	ug/l	97
60) Dibromochloromethane	10.983	129	147366	51.741	ug/l	100
61) 1,2-Dibromoethane	11.087	107	118728	51.483	ug/l	98
64) Tetrachloroethene	10.721	164	128398	50.377	ug/l	96
65) Chlorobenzene	11.514	112	366580	50.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	136417	49.956	ug/l	99
67) Ethyl Benzene	11.593	91	655184	51.101	ug/l	99
68) m/p-Xylenes	11.703	106	498625	102.300	ug/l	98
69) o-Xylene	12.026	106	239301	51.912	ug/l	99
70) Styrene	12.044	104	397804	51.612	ug/l	99
71) Bromoform	12.209	173	97393	50.918	ug/l #	100
73) Isopropylbenzene	12.331	105	621260	51.540	ug/l	99
74) N-amyl acetate	12.142	43	231238	53.908	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	151906	51.558	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	112353m	51.057	ug/l	
77) Bromobenzene	12.605	156	150350	51.477	ug/l	91
78) n-propylbenzene	12.672	91	767113	51.668	ug/l	97
79) 2-Chlorotoluene	12.758	91	426261	51.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	511599	52.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	56367	53.648	ug/l	97
82) 4-Chlorotoluene	12.855	91	444378	51.423	ug/l	97
83) tert-Butylbenzene	13.075	119	442395	51.902	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	502009	52.483	ug/l	100
85) sec-Butylbenzene	13.251	105	658553	51.480	ug/l	99
86) p-Isopropyltoluene	13.367	119	531304	51.647	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	282758	50.815	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	282429	50.246	ug/l	99
89) n-Butylbenzene	13.696	91	515886	51.380	ug/l	98
90) Hexachloroethane	13.959	117	107743	49.763	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	258518	51.448	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26195	50.341	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	151613	50.608	ug/l	98
94) Hexachlorobutadiene	15.111	225	85616	49.105	ug/l	99
95) Naphthalene	15.233	128	343444	52.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137174	51.373	ug/l	99

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

