

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016354.D
 Acq On : 15 Nov 2023 08:36
 Operator : SY/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 :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 15 23:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	157983	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	250436	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	215256	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	97691	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	67770	46.935	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.880%		
35) Dibromofluoromethane	7.746	113	72826	51.191	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.380%		
50) Toluene-d8	10.203	98	285199	49.436	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.502	95	91602	48.888	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	73036	47.214	ug/l	98
3) Chloromethane	2.131	50	83416	46.043	ug/l	98
4) Vinyl Chloride	2.272	62	90571	46.492	ug/l	98
5) Bromomethane	2.674	94	55886	43.652	ug/l	97
6) Chloroethane	2.820	64	58982	47.448	ug/l	99
7) Trichlorofluoromethane	3.150	101	145241	51.245	ug/l	98
8) Diethyl Ether	3.558	74	40918	48.304	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.930	101	86541	50.695	ug/l	95
10) Methyl Iodide	4.125	142	92826	50.348	ug/l	98
11) Tert butyl alcohol	4.978	59	20605	182.234	ug/l #	77
12) 1,1-Dichloroethene	3.899	96	81778	51.224	ug/l	87
13) Acrolein	3.753	56	26752	196.156	ug/l	99
14) Allyl chloride	4.515	41	111300	49.128	ug/l #	92
15) Acrylonitrile	5.198	53	79193	235.577	ug/l	98
16) Acetone	3.973	43	64026	268.071	ug/l	90
17) Carbon Disulfide	4.229	76	234863	48.758	ug/l	98
18) Methyl Acetate	4.509	43	62673	49.383	ug/l #	90
19) Methyl tert-butyl Ether	5.253	73	184908	47.854	ug/l	97
20) Methylene Chloride	4.753	84	85300	50.597	ug/l	89
21) trans-1,2-Dichloroethene	5.259	96	92389	50.262	ug/l	91
22) Diisopropyl ether	6.149	45	239365	49.026	ug/l	88
23) Vinyl Acetate	6.094	43	556543	235.249	ug/l #	93
24) 1,1-Dichloroethane	6.051	63	152090	50.494	ug/l	96
25) 2-Butanone	7.015	43	97353	232.713	ug/l #	86
26) 2,2-Dichloropropane	7.015	77	140514	51.256	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	99243	50.099	ug/l	92
28) Bromochloromethane	7.362	49	56695	50.858	ug/l	87
29) Tetrahydrofuran	7.374	42	62494	226.011	ug/l	90
30) Chloroform	7.533	83	160700	51.256	ug/l	99
31) Cyclohexane	7.813	56	135344	47.610	ug/l	92
32) 1,1,1-Trichloroethane	7.728	97	150522	52.375	ug/l	98
36) 1,1-Dichloropropene	7.947	75	127145	51.470	ug/l	99
37) Ethyl Acetate	7.100	43	45175	45.261	ug/l #	95
38) Carbon Tetrachloride	7.929	117	136842	53.375	ug/l	99
39) Methylcyclohexane	9.209	83	156853	50.958	ug/l	91
40) Benzene	8.185	78	355967	51.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	23877	47.444	ug/l	95
42) 1,2-Dichloroethane	8.264	62	90531	50.344	ug/l	94
43) Isopropyl Acetate	8.295	43	88519	45.881	ug/l #	90
44) Trichloroethene	8.966	130	102292	51.283	ug/l	95
45) 1,2-Dichloropropane	9.240	63	85174	51.101	ug/l	97
46) Dibromomethane	9.331	93	45308	50.162	ug/l	97
47) Bromodichloromethane	9.520	83	119687	51.542	ug/l	99
48) Methyl methacrylate	9.313	41	50099	46.985	ug/l #	84
49) 1,4-Dioxane	9.325	88	8398	875.782	ug/l #	63
51) 4-Methyl-2-Pentanone	10.093	43	227459	233.143	ug/l	91
52) Toluene	10.264	92	227366	51.825	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	114580	50.899	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	137585	51.172	ug/l #	87
55) 1,1,2-Trichloroethane	10.666	97	63570	51.063	ug/l	95
56) Ethyl methacrylate	10.532	69	57640	49.048	ug/l #	84
57) 1,3-Dichloropropane	10.813	76	107679	50.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	198225	248.761	ug/l	93
59) 2-Hexanone	10.849	43	164196	226.262	ug/l	88
60) Dibromochloromethane	11.008	129	81561	52.384	ug/l	100
61) 1,2-Dibromoethane	11.112	107	59616	50.264	ug/l	99
64) Tetrachloroethene	10.740	164	102398	52.979	ug/l	95
65) Chlorobenzene	11.538	112	236849	51.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	88859	52.385	ug/l	99
67) Ethyl Benzene	11.611	91	437377	52.918	ug/l	99
68) m/p-Xylenes	11.721	106	328577	104.813	ug/l	94
69) o-Xylene	12.050	106	152459	52.380	ug/l	97
70) Styrene	12.063	104	221180	53.070	ug/l	98
71) Bromoform	12.227	173	45715	51.939	ug/l #	99
73) Isopropylbenzene	12.349	105	421219	53.246	ug/l	99
74) N-amyl acetate	12.160	43	72506	45.630	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.599	83	63196	49.784	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	48573m	51.831	ug/l	
77) Bromobenzene	12.630	156	93101	52.072	ug/l	94
78) n-propylbenzene	12.691	91	495716	53.024	ug/l	99
79) 2-Chlorotoluene	12.776	91	267928	52.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	340581	53.399	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	21493	49.782	ug/l	91
82) 4-Chlorotoluene	12.873	91	278030	52.224	ug/l	99
83) tert-Butylbenzene	13.093	119	295895	52.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	330998	52.705	ug/l	98
85) sec-Butylbenzene	13.270	105	427522	53.268	ug/l	100
86) p-Isopropyltoluene	13.385	119	369753	53.503	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	179258	52.113	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	173617	51.646	ug/l	99
89) n-Butylbenzene	13.715	91	339770	53.237	ug/l	97
90) Hexachloroethane	13.977	117	70808	53.114	ug/l	90
91) 1,2-Dichlorobenzene	13.757	146	149299	50.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8771	43.429	ug/l	84
93) 1,2,4-Trichlorobenzene	15.025	180	85583	49.743	ug/l	98
94) Hexachlorobutadiene	15.129	225	51167	51.910	ug/l	99
95) Naphthalene	15.257	128	146115	47.484	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	68451	48.102	ug/l	99

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

