

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015529.D
 Acq On : 14 Sep 2023 11:35
 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 09/15/2023
 Supervised By :Semsettin Yesilyurt 09/15/2023

Quant Time: Sep 15 03:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109211	58.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.460%			
35) Dibromofluoromethane	7.710	113	102589	59.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.860%			
50) Toluene-d8	10.179	98	339730	54.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.483	95	134521	58.450	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61470	40.418	ug/l	97
3) Chloromethane	2.107	50	91719	45.410	ug/l	99
4) Vinyl Chloride	2.247	62	103369	43.969	ug/l	95
5) Bromomethane	2.643	94	74743	44.682	ug/l	100
6) Chloroethane	2.784	64	73953	47.858	ug/l	95
7) Trichlorofluoromethane	3.113	101	151739	45.630	ug/l	97
8) Diethyl Ether	3.527	74	61974	54.532	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	87555	47.503	ug/l	96
10) Methyl Iodide	4.082	142	109890	50.770	ug/l	98
11) Tert butyl alcohol	4.972	59	112235	275.216	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	83253	47.868	ug/l	92
13) Acrolein	3.729	56	124326	239.137	ug/l	99
14) Allyl chloride	4.472	41	148149	53.501	ug/l	96
15) Acrylonitrile	5.161	53	212600	297.289	ug/l	99
16) Acetone	3.948	43	246449	314.814	ug/l	94
17) Carbon Disulfide	4.186	76	213656	41.092	ug/l	97
18) Methyl Acetate	4.479	43	176195	62.140	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	321163	56.816	ug/l	100
20) Methylene Chloride	4.710	84	138134	56.122	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	99040	49.452	ug/l	97
22) Diisopropyl ether	6.118	45	342534	56.559	ug/l	91
23) Vinyl Acetate	6.051	43	1081375	282.802	ug/l	95
24) 1,1-Dichloroethane	6.009	63	188868	53.947	ug/l	97
25) 2-Butanone	6.984	43	344329	310.116	ug/l	96
26) 2,2-Dichloropropane	6.978	77	165994	55.824	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	122855	54.073	ug/l	96
28) Bromochloromethane	7.332	49	61505	57.289	ug/l	100
29) Tetrahydrofuran	7.344	42	204874	293.829	ug/l	94
30) Chloroform	7.502	83	200386	54.448	ug/l	97
31) Cyclohexane	7.783	56	140897	42.291	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	169973	51.706	ug/l	98
36) 1,1-Dichloropropene	7.911	75	137905	45.878	ug/l	99
37) Ethyl Acetate	7.069	43	126812	54.700	ug/l	96
38) Carbon Tetrachloride	7.899	117	146327	47.133	ug/l	97
39) Methylcyclohexane	9.179	83	159584	42.170	ug/l	95
40) Benzene	8.155	78	422595	50.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	57429	52.826	ug/l	95
42) 1,2-Dichloroethane	8.234	62	143939	51.471	ug/l	94
43) Isopropyl Acetate	8.271	43	227501	56.750	ug/l	98
44) Trichloroethene	8.935	130	117140	49.368	ug/l	100
45) 1,2-Dichloropropane	9.215	63	114358	54.092	ug/l	99
46) Dibromomethane	9.301	93	74039	52.722	ug/l	96
47) Bromodichloromethane	9.496	83	162974	54.267	ug/l	98
48) Methyl methacrylate	9.289	41	102024	55.468	ug/l	92
49) 1,4-Dioxane	9.307	88	28626	1097.420	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	680124	291.894	ug/l	94
52) Toluene	10.240	92	271234	50.460	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	174653	54.722	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	188534	54.303	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	103873	54.895	ug/l	98
56) Ethyl methacrylate	10.508	69	159303	56.812	ug/l	90
57) 1,3-Dichloropropane	10.788	76	176115	54.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	285593	285.346	ug/l	95
59) 2-Hexanone	10.831	43	523252	299.284	ug/l	92
60) Dibromochloromethane	10.983	129	124242	56.098	ug/l	100
61) 1,2-Dibromoethane	11.087	107	102669	53.548	ug/l	99
64) Tetrachloroethene	10.721	164	124543	50.255	ug/l	97
65) Chlorobenzene	11.514	112	301725	51.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	116304	54.008	ug/l	98
67) Ethyl Benzene	11.593	91	528588	50.034	ug/l	98
68) m/p-Xylenes	11.703	106	409710	100.050	ug/l	96
69) o-Xylene	12.032	106	200126	51.136	ug/l	97
70) Styrene	12.044	104	348469	52.955	ug/l	97
71) Bromoform	12.209	173	86104	57.319	ug/l #	99
73) Isopropylbenzene	12.331	105	522759	49.107	ug/l	100
74) N-amyl acetate	12.142	43	199708	55.841	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	139547	54.914	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	111047m	59.087	ug/l	
77) Bromobenzene	12.611	156	127589	50.605	ug/l	94
78) n-propylbenzene	12.672	91	634342	49.246	ug/l	100
79) 2-Chlorotoluene	12.758	91	365600	50.604	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	443469	49.806	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	49631	58.254	ug/l	96
82) 4-Chlorotoluene	12.855	91	381056	50.749	ug/l	100
83) tert-Butylbenzene	13.075	119	382727	49.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	445857	50.432	ug/l	98
85) sec-Butylbenzene	13.251	105	572734	49.237	ug/l	100
86) p-Isopropyltoluene	13.367	119	483539	49.598	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	257091	51.651	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	256001	50.880	ug/l	100
89) n-Butylbenzene	13.696	91	458172	49.932	ug/l	97
90) Hexachloroethane	13.959	117	90883	52.123	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	237213	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27791	55.284	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	150144	52.633	ug/l	99
94) Hexachlorobutadiene	15.111	225	76105	48.926	ug/l	98
95) Naphthalene	15.233	128	390196	55.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	138111	53.078	ug/l	99

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

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