

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015634.D
 Acq On : 18 Sep 2023 22:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Sep 19 02:10:15 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	7.795	168	149834	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	255251	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	236591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75104	46.759	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.520%
35) Dibromofluoromethane	7.728	113	71332	48.519	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.185	98	231723	43.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.040%
62) 4-Bromofluorobenzene	12.483	95	91884	46.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	42734	32.811	ug/l	94
3) Chloromethane	2.113	50	72411	41.862	ug/l	95
4) Vinyl Chloride	2.253	62	80427	39.947	ug/l	96
5) Bromomethane	2.656	94	66218	46.223	ug/l	98
6) Chloroethane	2.796	64	59609	45.044	ug/l	94
7) Trichlorofluoromethane	3.131	101	121480	42.656	ug/l	100
8) Diethyl Ether	3.534	74	52627	54.072	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	73083	46.300	ug/l	95
10) Methyl Iodide	4.101	142	83063	44.811	ug/l	99
11) Tert butyl alcohol	4.984	59	74692	205.847	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	70132	47.086	ug/l	93
13) Acrolein	3.741	56	67132	155.082	ug/l	99
14) Allyl chloride	4.485	41	123870	52.234	ug/l	93
15) Acrylonitrile	5.173	53	180675	295.012	ug/l	98
16) Acetone	3.966	43	160982	240.121	ug/l	95
17) Carbon Disulfide	4.198	76	201965	45.356	ug/l	98
18) Methyl Acetate	4.491	43	154664	63.693	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	260412	53.794	ug/l	99
20) Methylene Chloride	4.722	84	107635	50.106	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	85275	49.719	ug/l	94
22) Diisopropyl ether	6.131	45	287570	55.446	ug/l	93
23) Vinyl Acetate	6.070	43	884041	269.963	ug/l	95
24) 1,1-Dichloroethane	6.027	63	157574	52.556	ug/l	97
25) 2-Butanone	6.996	43	261702	275.222	ug/l	97
26) 2,2-Dichloropropane	6.990	77	116683	45.821	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	103593	53.241	ug/l	93
28) Bromochloromethane	7.344	49	44301	48.184	ug/l	99
29) Tetrahydrofuran	7.356	42	177951	298.012	ug/l	95
30) Chloroform	7.515	83	166236	52.743	ug/l	96
31) Cyclohexane	7.789	56	126728	44.417	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	140760	50.000	ug/l	99
36) 1,1-Dichloropropene	7.923	75	120494	46.676	ug/l	99
37) Ethyl Acetate	7.082	43	112864	56.688	ug/l	98
38) Carbon Tetrachloride	7.905	117	123828	46.444	ug/l	99
39) Methylcyclohexane	9.191	83	141664	43.589	ug/l	93
40) Benzene	8.167	78	361384	50.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	56585m	60.606	ug/l	95
42) 1,2-Dichloroethane	8.246	62	119539	49.773	ug/l	98
43) Isopropyl Acetate	8.277	43	188507	54.754	ug/l	99
44) Trichloroethene	8.947	130	98589	48.381	ug/l	99
45) 1,2-Dichloropropane	9.222	63	95846	52.789	ug/l	99
46) Dibromomethane	9.313	93	62165	51.544	ug/l	95
47) Bromodichloromethane	9.502	83	133247	51.663	ug/l	98
48) Methyl methacrylate	9.301	41	85835	54.339	ug/l	91
49) 1,4-Dioxane	9.313	88	24622	1099.108	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	578734	289.215	ug/l	94
52) Toluene	10.246	92	228957	49.598	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	143537	52.366	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	155221	52.058	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	87421	53.796	ug/l	98
56) Ethyl methacrylate	10.514	69	133721	55.529	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	150446	53.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	147485	171.584	ug/l	96
59) 2-Hexanone	10.837	43	428643	285.479	ug/l	91
60) Dibromochloromethane	10.990	129	101588	53.410	ug/l	99
61) 1,2-Dibromoethane	11.093	107	88629	53.825	ug/l	98
64) Tetrachloroethene	10.727	164	107966	50.276	ug/l	98
65) Chlorobenzene	11.520	112	253171	49.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	95570	51.215	ug/l	98
67) Ethyl Benzene	11.599	91	450150	49.172	ug/l	99
68) m/p-Xylenes	11.709	106	343770	96.879	ug/l	96
69) o-Xylene	12.032	106	165955	48.937	ug/l	100
70) Styrene	12.050	104	288468	50.590	ug/l	97
71) Bromoform	12.215	173	70803	54.393	ug/l #	100
73) Isopropylbenzene	12.331	105	433956	47.654	ug/l	100
74) N-amyl acetate	12.148	43	163619	53.480	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	116311	53.504	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	86752m	53.960	ug/l	99
77) Bromobenzene	12.611	156	105747	49.029	ug/l	94
78) n-propylbenzene	12.672	91	530243	48.121	ug/l	100
79) 2-Chlorotoluene	12.764	91	299463	48.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	363753	47.756	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38358	52.630	ug/l	96
82) 4-Chlorotoluene	12.861	91	310189	48.291	ug/l	100
83) tert-Butylbenzene	13.081	119	313778	47.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	364342	48.176	ug/l	99
85) sec-Butylbenzene	13.257	105	469003	47.132	ug/l	99
86) p-Isopropyltoluene	13.373	119	392602	47.075	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	204930	48.128	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	206667	48.016	ug/l	98
89) n-Butylbenzene	13.702	91	363692	46.332	ug/l	97
90) Hexachloroethane	13.965	117	74229	49.765	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	192129	49.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23269	54.110	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	116503	47.741	ug/l	99
94) Hexachlorobutadiene	15.117	225	57652	43.325	ug/l	99
95) Naphthalene	15.239	128	320268	52.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	110779	49.768	ug/l	99

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 Supervised By : Mahesh
 Dadoda

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

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