

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015017.D
 Acq On : 09 Aug 2023 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 01:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	333576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	553041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	254145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	197960	48.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.920%		
35) Dibromofluoromethane	7.716	113	178992	50.612	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.220%		
50) Toluene-d8	10.179	98	646764	48.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.100%		
62) 4-Bromofluorobenzene	12.477	95	237657	49.814	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	87706	47.283	ug/l	99
3) Chloromethane	2.107	50	126292	48.107	ug/l	99
4) Vinyl Chloride	2.247	62	164816	50.950	ug/l	97
5) Bromomethane	2.637	94	121222	59.326	ug/l	100
6) Chloroethane	2.784	64	122308	54.761	ug/l	94
7) Trichlorofluoromethane	3.119	101	264793	51.800	ug/l	98
8) Diethyl Ether	3.521	74	105838	56.109	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	149788	49.499	ug/l	98
10) Methyl Iodide	4.082	142	199716	63.835	ug/l	97
11) Tert butyl alcohol	4.948	59	208178	213.351	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	137390	52.108	ug/l	91
13) Acrolein	3.723	56	86627	260.972	ug/l	98
14) Allyl chloride	4.472	41	233397	53.157	ug/l	96
15) Acrylonitrile	5.155	53	330102	286.448	ug/l	98
16) Acetone	3.942	43	352364	279.489	ug/l	92
17) Carbon Disulfide	4.186	76	287320	49.287	ug/l	100
18) Methyl Acetate	4.472	43	292092	63.619	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	575014	57.643	ug/l	100
20) Methylene Chloride	4.710	84	198320	38.001	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	161256	53.655	ug/l	95
22) Diisopropyl ether	6.118	45	569073	55.643	ug/l #	90
23) Vinyl Acetate	6.057	43	1507756	245.248	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	320354	55.224	ug/l	98
25) 2-Butanone	6.978	43	489084	270.846	ug/l	95
26) 2,2-Dichloropropane	6.978	77	261288	44.514	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	213500	56.135	ug/l	93
28) Bromochloromethane	7.326	49	122768	46.947	ug/l	87
29) Tetrahydrofuran	7.344	42	296817	280.297	ug/l	89
30) Chloroform	7.502	83	357958	56.805	ug/l	98
31) Cyclohexane	7.777	56	206331	49.283	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	306062	55.112	ug/l	98
36) 1,1-Dichloropropene	7.917	75	223698	50.948	ug/l	98
37) Ethyl Acetate	7.069	43	189856	54.475	ug/l #	95
38) Carbon Tetrachloride	7.899	117	262135	53.106	ug/l	97
39) Methylcyclohexane	9.179	83	251761	48.216	ug/l	92
40) Benzene	8.155	78	697200	53.925	ug/l	99

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41) Methacrylonitrile	7.307	41	92446m	54.582	ug/l	
42) 1,2-Dichloroethane	8.234	62	249746	55.494	ug/l	96
43) Isopropyl Acetate	8.271	43	362717	56.016	ug/l	96
44) Trichloroethene	8.935	130	207239	55.862	ug/l	97
45) 1,2-Dichloropropane	9.215	63	184884	53.806	ug/l	99
46) Dibromomethane	9.301	93	124798	56.380	ug/l	99
47) Bromodichloromethane	9.496	83	291616	57.210	ug/l	99
48) Methyl methacrylate	9.289	41	162656	57.253	ug/l	93
49) 1,4-Dioxane	9.295	88	46991	1141.318	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	1024104	280.652	ug/l	92
52) Toluene	10.240	92	445887	53.592	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	295178	55.607	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	310252	54.097	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	180334	56.054	ug/l	94
56) Ethyl methacrylate	10.508	69	265912	57.724	ug/l	90
57) 1,3-Dichloropropane	10.788	76	295988	55.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	526445	241.692	ug/l	91
59) 2-Hexanone	10.831	43	754172	279.780	ug/l	92
60) Dibromochloromethane	10.983	129	223414	58.323	ug/l	100
61) 1,2-Dibromoethane	11.087	107	177237	57.717	ug/l	99
64) Tetrachloroethene	10.715	164	248563	66.094	ug/l	98
65) Chlorobenzene	11.514	112	516880	54.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	210272	56.565	ug/l	99
67) Ethyl Benzene	11.587	91	897800	53.925	ug/l	99
68) m/p-Xylenes	11.697	106	679488	106.686	ug/l	96
69) o-Xylene	12.026	106	343223	55.073	ug/l	97
70) Styrene	12.038	104	586765	55.092	ug/l	98
71) Bromoform	12.203	173	156236	60.975	ug/l #	98
73) Isopropylbenzene	12.325	105	884529	51.775	ug/l	99
74) N-amyl acetate	12.142	43	315778	54.100	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	224824	53.850	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	167307m	54.940	ug/l	
77) Bromobenzene	12.605	156	228692	55.187	ug/l	99
78) n-propylbenzene	12.672	91	1032561	50.533	ug/l	98
79) 2-Chlorotoluene	12.751	91	613437	52.676	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	741920	52.699	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	74265	53.725	ug/l	97
82) 4-Chlorotoluene	12.855	91	627900	52.157	ug/l	99
83) tert-Butylbenzene	13.075	119	664717	51.613	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	753300	53.406	ug/l	98
85) sec-Butylbenzene	13.251	105	957044	50.632	ug/l	99
86) p-Isopropyltoluene	13.367	119	803968	51.384	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	433692	53.467	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	432455	53.461	ug/l	99
89) n-Butylbenzene	13.696	91	740939	50.401	ug/l	96
90) Hexachloroethane	13.959	117	164163	54.029	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	407948	54.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	45840	56.234	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	261691	54.629	ug/l	98
94) Hexachlorobutadiene	15.111	225	138208	53.205	ug/l	98
95) Naphthalene	15.233	128	936052	83.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	242472	55.920	ug/l	99

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

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