

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015119.D
 Acq On : 15 Aug 2023 21:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 01:33:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123109	52.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.320%			
35) Dibromofluoromethane	7.722	113	108178	53.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.960%			
50) Toluene-d8	10.179	98	392919	52.184	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.483	95	145746	52.996	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42648	50.726	ug/l	96
3) Chloromethane	2.113	50	62044	53.075	ug/l	100
4) Vinyl Chloride	2.247	62	78325	50.064	ug/l	96
5) Bromomethane	2.637	94	61566	57.365	ug/l	99
6) Chloroethane	2.784	64	59968	52.795	ug/l	96
7) Trichlorofluoromethane	3.119	101	131817	50.003	ug/l	96
8) Diethyl Ether	3.527	74	52607	50.883	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	81805	49.930	ug/l	97
10) Methyl Iodide	4.082	142	81945	50.936	ug/l	99
11) Tert butyl alcohol	4.966	59	94585	242.964	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	67318	49.205	ug/l	90
13) Acrolein	3.729	56	36988	241.945	ug/l	100
14) Allyl chloride	4.472	41	113114	46.633	ug/l	96
15) Acrylonitrile	5.161	53	189067	269.848	ug/l	100
16) Acetone	3.948	43	160145	207.706	ug/l	95
17) Carbon Disulfide	4.192	76	115713	48.060	ug/l	100
18) Methyl Acetate	4.479	43	167347	59.228	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	300287	51.621	ug/l	100
20) Methylene Chloride	4.710	84	99859	54.398	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	77118	49.973	ug/l	94
22) Diisopropyl ether	6.125	45	296074	48.918	ug/l #	91
23) Vinyl Acetate	6.058	43	865621	239.686	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	163383	49.861	ug/l	97
25) 2-Butanone	6.990	43	272530	249.643	ug/l	95
26) 2,2-Dichloropropane	6.978	77	127499	40.363	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	106130	50.346	ug/l	92
28) Bromochloromethane	7.338	49	74465	49.464	ug/l	91
29) Tetrahydrofuran	7.350	42	174627	267.520	ug/l	90
30) Chloroform	7.508	83	187409	51.019	ug/l	98
31) Cyclohexane	7.789	56	104992	49.793	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	157487	50.383	ug/l	99
36) 1,1-Dichloropropene	7.917	75	112090	50.092	ug/l	98
37) Ethyl Acetate	7.076	43	107577	51.576	ug/l	96
38) Carbon Tetrachloride	7.905	117	138079	52.139	ug/l	98
39) Methylcyclohexane	9.185	83	126296	50.347	ug/l	92
40) Benzene	8.161	78	349403	51.646	ug/l	99

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41) Methacrylonitrile	7.307	41	54652m	50.813	ug/l	
42) 1,2-Dichloroethane	8.240	62	131626	53.572	ug/l	96
43) Isopropyl Acetate	8.277	43	196599	51.759	ug/l	97
44) Trichloroethene	8.941	130	102675	52.679	ug/l	96
45) 1,2-Dichloropropane	9.216	63	97572	51.146	ug/l	99
46) Dibromomethane	9.307	93	65779	54.670	ug/l	97
47) Bromodichloromethane	9.496	83	153562	53.484	ug/l	98
48) Methyl methacrylate	9.295	41	87983	54.148	ug/l	92
49) 1,4-Dioxane	9.301	88	25868	1075.143	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	618185	280.818	ug/l	94
52) Toluene	10.246	92	231095	51.825	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	151766	50.297	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	160659	50.556	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	98574	53.880	ug/l	95
56) Ethyl methacrylate	10.508	69	144098	53.819	ug/l	91
57) 1,3-Dichloropropane	10.788	76	159675	53.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	323930	259.971	ug/l	92
59) 2-Hexanone	10.831	43	454738	279.109	ug/l	92
60) Dibromochloromethane	10.983	129	119899	54.941	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94232	54.220	ug/l	99
64) Tetrachloroethene	10.721	164	113633	56.215	ug/l	97
65) Chlorobenzene	11.514	112	270626	51.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	113929	53.114	ug/l	100
67) Ethyl Benzene	11.593	91	470313	50.777	ug/l	98
68) m/p-Xylenes	11.703	106	356277	101.277	ug/l	97
69) o-Xylene	12.032	106	181356	51.751	ug/l	97
70) Styrene	12.044	104	316112	52.118	ug/l	97
71) Bromoform	12.209	173	83775	53.877	ug/l #	100
73) Isopropylbenzene	12.331	105	488509	50.221	ug/l	100
74) N-amyl acetate	12.142	43	175720	50.035	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	133731	52.788	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	105360m	57.329	ug/l	
77) Bromobenzene	12.611	156	121481	51.236	ug/l	97
78) n-propylbenzene	12.672	91	575382	49.813	ug/l	99
79) 2-Chlorotoluene	12.758	91	334442	50.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	410119	50.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	41411	49.493	ug/l	98
82) 4-Chlorotoluene	12.855	91	348905	50.682	ug/l	99
83) tert-Butylbenzene	13.075	119	372957	50.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	409896	50.591	ug/l	98
85) sec-Butylbenzene	13.251	105	552336	50.829	ug/l	100
86) p-Isopropyltoluene	13.367	119	457315	50.760	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	239275	50.880	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241588	51.218	ug/l	98
89) n-Butylbenzene	13.696	91	425144	50.049	ug/l	97
90) Hexachloroethane	13.959	117	91247	51.053	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	227533	51.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27705	56.453	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	145716	51.664	ug/l	99
94) Hexachlorobutadiene	15.111	225	78111	50.914	ug/l	98
95) Naphthalene	15.233	128	384482	54.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	138025	54.187	ug/l	99

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

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