

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015209.D
 Acq On : 18 Aug 2023 20:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 23:03:18 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 :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130636	53.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.480%			
35) Dibromofluoromethane	7.716	113	115701	53.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.260%			
50) Toluene-d8	10.179	98	413901	51.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.483	95	155730	52.596	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	38859	43.767	ug/l	99
3) Chloromethane	2.107	50	57194	46.594	ug/l	100
4) Vinyl Chloride	2.247	62	70145	43.127	ug/l	97
5) Bromomethane	2.637	94	58407	51.501	ug/l	98
6) Chloroethane	2.784	64	55215	46.758	ug/l	100
7) Trichlorofluoromethane	3.113	101	124606	45.467	ug/l	98
8) Diethyl Ether	3.528	74	52307	48.665	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	77076	45.251	ug/l	96
10) Methyl Iodide	4.082	142	79647	47.621	ug/l	99
11) Tert butyl alcohol	4.954	59	111659	278.242	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	65487	46.043	ug/l	96
13) Acrolein	3.723	56	32393	195.564	ug/l	99
14) Allyl chloride	4.472	41	116723	46.288	ug/l	97
15) Acrylonitrile	5.155	53	192505	264.286	ug/l	99
16) Acetone	3.948	43	176736	220.491	ug/l	94
17) Carbon Disulfide	4.186	76	105675	42.218	ug/l	97
18) Methyl Acetate	4.472	43	175745	59.831	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	304359	50.328	ug/l	98
20) Methylene Chloride	4.710	84	126129	67.107	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	75444	47.026	ug/l	92
22) Diisopropyl ether	6.112	45	297883	47.341	ug/l	92
23) Vinyl Acetate	6.051	43	847707	225.782	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	164599	48.318	ug/l	97
25) 2-Butanone	6.978	43	282890	249.259	ug/l	95
26) 2,2-Dichloropropane	6.972	77	133378	40.615	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	106947	48.800	ug/l	93
28) Bromochloromethane	7.326	49	74801	47.794	ug/l	90
29) Tetrahydrofuran	7.344	42	175348	258.389	ug/l	90
30) Chloroform	7.502	83	184662	48.356	ug/l	94
31) Cyclohexane	7.783	56	98538	44.690	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	156529	48.168	ug/l	99
36) 1,1-Dichloropropene	7.911	75	108211	44.916	ug/l	99
37) Ethyl Acetate	7.070	43	109523	48.771	ug/l	96
38) Carbon Tetrachloride	7.899	117	129495	45.417	ug/l	98
39) Methylcyclohexane	9.179	83	119312	44.177	ug/l	92
40) Benzene	8.155	78	341465	46.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	63467m	54.809	ug/l	
42) 1,2-Dichloroethane	8.234	62	128872	48.718	ug/l	96
43) Isopropyl Acetate	8.271	43	197661	48.334	ug/l	97
44) Trichloroethene	8.935	130	101315	48.281	ug/l	99
45) 1,2-Dichloropropane	9.216	63	97711	47.573	ug/l	94
46) Dibromomethane	9.301	93	64492	49.785	ug/l	96
47) Bromodichloromethane	9.496	83	150241	48.603	ug/l	96
48) Methyl methacrylate	9.289	41	87616	50.084	ug/l	90
49) 1,4-Dioxane	9.301	88	26825	1035.559	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	612997	258.640	ug/l	93
52) Toluene	10.240	92	227910	47.473	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	149864	46.131	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	156773	45.822	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	96293	48.887	ug/l	96
56) Ethyl methacrylate	10.508	69	140558	48.760	ug/l	91
57) 1,3-Dichloropropane	10.788	76	157307	48.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	318912	237.726	ug/l	92
59) 2-Hexanone	10.831	43	450197	256.653	ug/l	92
60) Dibromochloromethane	10.983	129	116688	49.663	ug/l	100
61) 1,2-Dibromoethane	11.087	107	91970	49.151	ug/l	99
64) Tetrachloroethene	10.721	164	113279	52.933	ug/l	98
65) Chlorobenzene	11.514	112	264565	47.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110933	48.850	ug/l	99
67) Ethyl Benzene	11.593	91	455150	46.416	ug/l	99
68) m/p-Xylenes	11.703	106	347569	93.324	ug/l	96
69) o-Xylene	12.026	106	176878	47.675	ug/l	97
70) Styrene	12.044	104	307079	47.822	ug/l	98
71) Bromoform	12.209	173	82907	50.363	ug/l #	99
73) Isopropylbenzene	12.331	105	473024	46.626	ug/l	99
74) N-amyl acetate	12.142	43	171442	46.805	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	129340	48.951	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	102559m	53.506	ug/l	
77) Bromobenzene	12.605	156	118202	47.799	ug/l	97
78) n-propylbenzene	12.672	91	555746	46.131	ug/l	99
79) 2-Chlorotoluene	12.758	91	328084	47.208	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	404396	47.820	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	39466	45.225	ug/l	97
82) 4-Chlorotoluene	12.855	91	342924	47.761	ug/l	99
83) tert-Butylbenzene	13.075	119	362448	46.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	413175	48.894	ug/l	99
85) sec-Butylbenzene	13.251	105	531497	46.896	ug/l	99
86) p-Isopropyltoluene	13.367	119	439415	46.764	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	233410	47.587	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	233888	47.542	ug/l	99
89) n-Butylbenzene	13.696	91	402912	45.477	ug/l	96
90) Hexachloroethane	13.959	117	87060	46.703	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	224001	48.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27632	53.985	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	140523	47.770	ug/l	98
94) Hexachlorobutadiene	15.111	225	75319	47.071	ug/l	98
95) Naphthalene	15.233	128	383453	52.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132433	49.850	ug/l	98

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

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