

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014814.D
 Acq On : 25 Jul 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 01:23:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

07/26/2023

Supervised By :Semsettin

Yesilyurt

07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	202195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155009	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	118481	51.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.840%
35) Dibromofluoromethane	7.716	113	109935	49.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.179	98	386864	47.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.483	95	143269	46.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	63241	38.390	ug/l	99
3) Chloromethane	2.113	50	91699	49.521	ug/l	98
4) Vinyl Chloride	2.247	62	108033	52.202	ug/l	94
5) Bromomethane	2.643	94	88232	64.514	ug/l	100
6) Chloroethane	2.790	64	74571	57.686	ug/l	97
7) Trichlorofluoromethane	3.119	101	159767	45.966	ug/l	98
8) Diethyl Ether	3.534	74	60366	46.679	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	95260	44.715	ug/l	94
10) Methyl Iodide	4.088	142	86287	38.766	ug/l	97
11) Tert butyl alcohol	4.954	59	100567	206.686	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	88064	44.229	ug/l	90
13) Acrolein	3.729	56	44738	185.771	ug/l	99
14) Allyl chloride	4.479	41	145711	41.216	ug/l	97
15) Acrylonitrile	5.167	53	181492	254.501	ug/l	98
16) Acetone	3.948	43	145555	199.353	ug/l	93
17) Carbon Disulfide	4.192	76	223666	39.236	ug/l	98
18) Methyl Acetate	4.479	43	152849	54.551	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	316040	48.863	ug/l	99
20) Methylene Chloride	4.716	84	111826	46.883	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	102749	45.472	ug/l	92
22) Diisopropyl ether	6.118	45	336597	46.830	ug/l	94
23) Vinyl Acetate	6.057	43	979888	227.813	ug/l	95
24) 1,1-Dichloroethane	6.015	63	192349	46.770	ug/l	97
25) 2-Butanone	6.984	43	252614	236.489	ug/l	96
26) 2,2-Dichloropropane	6.984	77	151319	38.606	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	127313	48.405	ug/l	93
28) Bromochloromethane	7.338	49	86194	48.663	ug/l	94
29) Tetrahydrofuran	7.350	42	167598	254.809	ug/l	92
30) Chloroform	7.508	83	206418	48.672	ug/l	97
31) Cyclohexane	7.783	56	149550	39.100	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	179760	47.095	ug/l	99
36) 1,1-Dichloropropene	7.917	75	143047	43.478	ug/l	99
37) Ethyl Acetate	7.076	43	105028	46.366	ug/l #	95
38) Carbon Tetrachloride	7.899	117	155869	44.817	ug/l	97
39) Methylcyclohexane	9.185	83	173452	40.466	ug/l	94
40) Benzene	8.161	78	428662	45.812	ug/l	99

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41) Methacrylonitrile	7.313	41	54319m	46.621	ug/l	
42) 1,2-Dichloroethane	8.234	62	140813	47.522	ug/l	94
43) Isopropyl Acetate	8.271	43	200875	46.553	ug/l	97
44) Trichloroethene	8.941	130	119476	45.636	ug/l	99
45) 1,2-Dichloropropane	9.215	63	111755	45.738	ug/l	99
46) Dibromomethane	9.307	93	71158	48.006	ug/l	95
47) Bromodichloromethane	9.496	83	164821	47.179	ug/l	99
48) Methyl methacrylate	9.289	41	90135	46.422	ug/l	92
49) 1,4-Dioxane	9.295	88	23802	984.792	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	557989	246.291	ug/l	93
52) Toluene	10.246	92	273930	45.750	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	164481	43.043	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	180834	43.516	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	100480	48.665	ug/l	95
56) Ethyl methacrylate	10.508	69	147041	46.643	ug/l	90
57) 1,3-Dichloropropane	10.788	76	167542	47.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355597	242.085	ug/l	94
59) 2-Hexanone	10.831	43	400303	242.289	ug/l	93
60) Dibromochloromethane	10.983	129	121646	48.053	ug/l	100
61) 1,2-Dibromoethane	11.087	107	96874	47.031	ug/l	99
64) Tetrachloroethene	10.721	164	120305	48.406	ug/l	96
65) Chlorobenzene	11.514	112	302613	45.954	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	120082	48.364	ug/l	98
67) Ethyl Benzene	11.593	91	537198	45.183	ug/l	98
68) m/p-Xylenes	11.703	106	409526	90.234	ug/l	97
69) o-Xylene	12.026	106	201353	45.550	ug/l	98
70) Styrene	12.044	104	344715	46.268	ug/l	97
71) Bromoform	12.209	173	81700	48.546	ug/l #	99
73) Isopropylbenzene	12.331	105	530832	43.736	ug/l	100
74) N-amyl acetate	12.142	43	173002	42.559	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	125810	45.454	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	97203m	49.651	ug/l	
77) Bromobenzene	12.605	156	124974	45.108	ug/l	95
78) n-propylbenzene	12.672	91	632206	43.226	ug/l	99
79) 2-Chlorotoluene	12.758	91	362287	43.006	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	439347	43.344	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	39198	38.767	ug/l	97
82) 4-Chlorotoluene	12.855	91	373603	43.062	ug/l	100
83) tert-Butylbenzene	13.075	119	390076	43.382	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	439844	44.216	ug/l	99
85) sec-Butylbenzene	13.251	105	578462	43.856	ug/l	100
86) p-Isopropyltoluene	13.367	119	478989	44.477	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	247100	45.826	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	244312	45.215	ug/l	99
89) n-Butylbenzene	13.696	91	447564	42.717	ug/l	97
90) Hexachloroethane	13.959	117	94496	42.719	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	227761	46.103	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23783	44.931	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	138331	44.110	ug/l	98
94) Hexachlorobutadiene	15.111	225	74082	42.987	ug/l	99
95) Naphthalene	15.233	128	336935	46.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	124851	44.795	ug/l	99

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

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