

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015585.D
 Acq On : 15 Sep 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Sep 15 23:20:50 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	168774	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	286466	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	266093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88780	49.071	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.140%
35) Dibromofluoromethane	7.728	113	80929	49.048	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.185	98	265664	44.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.920%
62) 4-Bromofluorobenzene	12.489	95	105414	47.522	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	65142	44.402	ug/l	100
3) Chloromethane	2.113	50	86229	44.257	ug/l	98
4) Vinyl Chloride	2.253	62	98354	43.369	ug/l	95
5) Bromomethane	2.650	94	70779	43.863	ug/l	99
6) Chloroethane	2.790	64	70630	47.382	ug/l	99
7) Trichlorofluoromethane	3.125	101	149221	46.517	ug/l	100
8) Diethyl Ether	3.534	74	62578	57.081	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	90205	50.735	ug/l	95
10) Methyl Iodide	4.095	142	105272	50.419	ug/l	97
11) Tert butyl alcohol	4.997	59	98859	247.827	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	82609	49.239	ug/l	92
13) Acrolein	3.741	56	119096	237.553	ug/l	99
14) Allyl chloride	4.485	41	145003	54.283	ug/l	94
15) Acrylonitrile	5.174	53	219473	318.147	ug/l	99
16) Acetone	3.967	43	219427	290.568	ug/l	91
17) Carbon Disulfide	4.198	76	199136	39.703	ug/l	99
18) Methyl Acetate	4.491	43	196099	71.694	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	317460	58.219	ug/l	98
20) Methylene Chloride	4.723	84	158902	69.271	ug/l	93
21) trans-1,2-Dichloroethene	5.229	96	97667	50.554	ug/l	96
22) Diisopropyl ether	6.131	45	343855	58.858	ug/l	93
23) Vinyl Acetate	6.070	43	995645	269.924	ug/l	96
24) 1,1-Dichloroethane	6.027	63	185919	55.051	ug/l	97
25) 2-Butanone	6.996	43	329289	307.438	ug/l	96
26) 2,2-Dichloropropane	6.990	77	140928	49.131	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	120103	54.799	ug/l	93
28) Bromochloromethane	7.344	49	57522	55.542	ug/l	100
29) Tetrahydrofuran	7.362	42	213551	317.497	ug/l	94
30) Chloroform	7.515	83	196705	55.407	ug/l	95
31) Cyclohexane	7.795	56	142474	44.332	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	168244	53.056	ug/l	99
36) 1,1-Dichloropropene	7.923	75	138252	47.719	ug/l	99
37) Ethyl Acetate	7.088	43	133038	59.539	ug/l	96
38) Carbon Tetrachloride	7.905	117	144578	48.317	ug/l	98
39) Methylcyclohexane	9.191	83	161748	44.346	ug/l	94
40) Benzene	8.167	78	413693	51.180	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	56015m	53.458	ug/l	95
42) 1,2-Dichloroethane	8.240	62	140848	52.256	ug/l	95
43) Isopropyl Acetate	8.283	43	224869	58.198	ug/l	97
44) Trichloroethene	8.947	130	117148	51.224	ug/l	95
45) 1,2-Dichloropropane	9.222	63	112257	55.091	ug/l	96
46) Dibromomethane	9.313	93	72366	53.464	ug/l	96
47) Bromodichloromethane	9.502	83	159074	54.956	ug/l	98
48) Methyl methacrylate	9.301	41	102389	57.756	ug/l	91
49) 1,4-Dioxane	9.319	88	30528	1214.254	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	707600	315.082	ug/l	94
52) Toluene	10.252	92	266183	51.379	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	166766	54.211	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	180532	53.949	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	104020	57.036	ug/l	98
56) Ethyl methacrylate	10.514	69	160459	59.371	ug/l #	89
57) 1,3-Dichloropropane	10.795	76	175458	55.889	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	234063	242.636	ug/l	96
59) 2-Hexanone	10.837	43	535670	317.885	ug/l	92
60) Dibromochloromethane	10.990	129	121202	56.779	ug/l	99
61) 1,2-Dibromoethane	11.093	107	104792	56.706	ug/l	99
64) Tetrachloroethene	10.728	164	133866	55.426	ug/l	98
65) Chlorobenzene	11.520	112	293823	51.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	115026	54.808	ug/l	99
67) Ethyl Benzene	11.599	91	525975	51.085	ug/l	99
68) m/p-Xylenes	11.709	106	403983	101.225	ug/l	96
69) o-Xylene	12.032	106	197734	51.843	ug/l	98
70) Styrene	12.050	104	341817	53.299	ug/l	97
71) Bromoform	12.215	173	85429	58.353	ug/l #	98
73) Isopropylbenzene	12.337	105	519062	50.488	ug/l	100
74) N-amyl acetate	12.148	43	199527	57.766	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	139811	56.967	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	108968m	60.035	ug/l	99
77) Bromobenzene	12.611	156	126134	51.800	ug/l	93
78) n-propylbenzene	12.678	91	628007	50.482	ug/l	100
79) 2-Chlorotoluene	12.764	91	356782	51.133	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	435072	50.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	46161	56.100	ug/l	96
82) 4-Chlorotoluene	12.861	91	373159	51.458	ug/l	99
83) tert-Butylbenzene	13.081	119	377584	50.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	437001	51.182	ug/l	99
85) sec-Butylbenzene	13.258	105	570640	50.795	ug/l	99
86) p-Isopropyltoluene	13.373	119	476480	50.605	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	246905	51.362	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	248038	51.044	ug/l	99
89) n-Butylbenzene	13.703	91	442172	49.895	ug/l	97
90) Hexachloroethane	13.965	117	90671	53.844	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	231423	52.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	28974	59.679	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	144309	52.380	ug/l	98
94) Hexachlorobutadiene	15.117	225	73708	49.063	ug/l	99
95) Naphthalene	15.239	128	404325	59.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	136922	54.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

09/18/2023
Supervised By :Semsettin
Yesilyurt

09/18/2023

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