

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016692.D
 Acq On : 19 Dec 2023 12:04
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 20 05:28:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						12/20/2023
1) Pentafluorobenzene	7.795	168	188751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	279053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	113525	50.000	ug/l	0.00
System Monitoring Compounds						12/20/2023
33) 1,2-Dichloroethane-d4	8.149	65	80249	51.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.800%	
35) Dibromofluoromethane	7.728	113	86345	52.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.185	98	319482	53.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.489	95	88037	52.019	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	67474	50.623	ug/l	100
3) Chloromethane	2.119	50	127784	53.957	ug/l	100
4) Vinyl Chloride	2.253	62	169432	46.478	ug/l	99
5) Bromomethane	2.656	94	139255	44.027	ug/l	100
6) Chloroethane	2.802	64	121669	44.590	ug/l	94
7) Trichlorofluoromethane	3.137	101	147347	46.115	ug/l	96
8) Diethyl Ether	3.534	74	40516	47.370	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	81942	47.269	ug/l	97
10) Methyl Iodide	4.101	142	96849	49.196	ug/l	98
11) Tert butyl alcohol	4.966	59	24040	245.150	ug/l	98
12) 1,1-Dichloroethene	3.881	96	74372	47.302	ug/l	96
13) Acrolein	3.735	56	18595	233.907	ug/l	99
14) Allyl chloride	4.485	41	95441	48.615	ug/l	89
15) Acrylonitrile	5.174	53	80665	235.571	ug/l	98
16) Acetone	3.954	43	74327	235.936	ug/l	92
17) Carbon Disulfide	4.204	76	207233	49.249	ug/l	97
18) Methyl Acetate	4.491	43	66601	49.233	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	184388	48.548	ug/l	98
20) Methylene Chloride	4.722	84	88106	51.953	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	86631	48.719	ug/l	99
22) Diisopropyl ether	6.125	45	226430	50.391	ug/l	93
23) Vinyl Acetate	6.070	43	534419	243.224	ug/l	99
24) 1,1-Dichloroethane	6.033	63	149192	48.213	ug/l	98
25) 2-Butanone	6.996	43	99356	233.928	ug/l	97
26) 2,2-Dichloropropane	6.990	77	134508	47.864	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	97983	48.753	ug/l	95
28) Bromochloromethane	7.350	49	52443	46.671	ug/l	92
29) Tetrahydrofuran	7.356	42	60389	238.914	ug/l	99
30) Chloroform	7.515	83	158596	47.771	ug/l	97
31) Cyclohexane	7.795	56	120385	47.111	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	142876	48.466	ug/l	96
36) 1,1-Dichloropropene	7.929	75	119779	48.180	ug/l	97
37) Ethyl Acetate	7.082	43	43717	45.913	ug/l	96
38) Carbon Tetrachloride	7.911	117	127019	47.352	ug/l	97
39) Methylcyclohexane	9.191	83	142716	49.860	ug/l	99
40) Benzene	8.173	78	344233	48.193	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20829	41.189	ug/l	93
42) 1,2-Dichloroethane	8.246	62	96700	47.843	ug/l	95
43) Isopropyl Acetate	8.283	43	86287	47.182	ug/l	97
44) Trichloroethene	8.947	130	93554	47.594	ug/l	99
45) 1,2-Dichloropropane	9.222	63	81845	47.940	ug/l	98
46) Dibromomethane	9.313	93	46079	47.795	ug/l	99
47) Bromodichloromethane	9.502	83	120987	48.063	ug/l	100
48) Methyl methacrylate	9.301	41	49438	49.824	ug/l #	87
49) 1,4-Dioxane	9.301	88	8714	981.698	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	225082	239.792	ug/l	95
52) Toluene	10.252	92	214138	48.998	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	110272	48.925	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	130939	49.029	ug/l #	92
55) 1,1,2-Trichloroethane	10.654	97	62585	46.994	ug/l	98
56) Ethyl methacrylate	10.514	69	53300	49.182	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	106666	48.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	163797	221.500	ug/l	95
59) 2-Hexanone	10.837	43	153924	225.076	ug/l	96
60) Dibromochloromethane	10.990	129	78457	48.521	ug/l	98
61) 1,2-Dibromoethane	11.099	107	57227	47.712	ug/l	99
64) Tetrachloroethene	10.727	164	79444	48.661	ug/l	98
65) Chlorobenzene	11.526	112	228942	48.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	87363	48.111	ug/l	99
67) Ethyl Benzene	11.599	91	416807	49.776	ug/l	99
68) m/p-Xylenes	11.709	106	317505	100.030	ug/l	99
69) o-Xylene	12.038	106	146289	50.451	ug/l	100
70) Styrene	12.050	104	212721	50.807	ug/l	99
71) Bromoform	12.215	173	45193	48.052	ug/l #	99
73) Isopropylbenzene	12.337	105	391956	49.934	ug/l	99
74) N-amyl acetate	12.154	43	67893	47.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	68995	47.239	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	40687m	41.230	ug/l	
77) Bromobenzene	12.617	156	90797	47.974	ug/l	98
78) n-propylbenzene	12.678	91	466469	50.127	ug/l	99
79) 2-Chlorotoluene	12.764	91	245231	49.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	311187	50.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	20709	48.149	ug/l	89
82) 4-Chlorotoluene	12.861	91	251359	48.766	ug/l	98
83) tert-Butylbenzene	13.081	119	271591	49.070	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	312734	50.723	ug/l	99
85) sec-Butylbenzene	13.264	105	400939	50.231	ug/l	99
86) p-Isopropyltoluene	13.379	119	350334	50.203	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	180196	48.113	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	172853	48.175	ug/l	98
89) n-Butylbenzene	13.703	91	321920	50.465	ug/l	97
90) Hexachloroethane	13.971	117	68057	48.936	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	149240	48.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8398	43.853	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	88086	47.893	ug/l	98
94) Hexachlorobutadiene	15.117	225	55447	47.698	ug/l	99
95) Naphthalene	15.245	128	142526	48.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	73623	47.327	ug/l	98

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

12/20/2023
Supervised By :Semsettin
Yesilyurt

12/20/2023

