

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016429.D
 Acq On : 20 Nov 2023 17:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 21 05:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						11/21/2023
1) Pentafluorobenzene	7.807	168	150895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	214883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99695	50.000	ug/l	0.00
System Monitoring Compounds						11/21/2023
33) 1,2-Dichloroethane-d4	8.161	65	70782	51.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.640%	
35) Dibromofluoromethane	7.734	113	77898	55.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.191	98	293528	51.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.495	95	95206	51.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	65490	44.324	ug/l	99
3) Chloromethane	2.125	50	75433	43.593	ug/l	100
4) Vinyl Chloride	2.259	62	82144	44.147	ug/l	94
5) Bromomethane	2.662	94	52869	43.235	ug/l	96
6) Chloroethane	2.808	64	54059	45.531	ug/l	93
7) Trichlorofluoromethane	3.143	101	136822	50.542	ug/l	99
8) Diethyl Ether	3.546	74	40418	49.955	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.918	101	80926	49.633	ug/l	96
10) Methyl Iodide	4.113	142	96009	54.521	ug/l	97
11) Tert butyl alcohol	4.966	59	23133	214.202	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	76953	50.466	ug/l	87
13) Acrolein	3.741	56	26739	205.270	ug/l	100
14) Allyl chloride	4.503	41	104844	48.452	ug/l #	90
15) Acrylonitrile	5.186	53	78730	245.200	ug/l	97
16) Acetone	3.960	43	59518	260.902	ug/l #	84
17) Carbon Disulfide	4.216	76	214052	46.525	ug/l	99
18) Methyl Acetate	4.497	43	73779	60.865	ug/l #	87
19) Methyl tert-butyl Ether	5.247	73	186480	50.528	ug/l	100
20) Methylene Chloride	4.741	84	121755	77.463	ug/l	85
21) trans-1,2-Dichloroethene	5.241	96	89381	50.910	ug/l	89
22) Diisopropyl ether	6.143	45	230304	49.386	ug/l #	85
23) Vinyl Acetate	6.082	43	488485	216.180	ug/l #	92
24) 1,1-Dichloroethane	6.045	63	148605	51.654	ug/l	96
25) 2-Butanone	7.009	43	91293	228.478	ug/l #	85
26) 2,2-Dichloropropane	7.003	77	133111	50.837	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	101194	53.483	ug/l	89
28) Bromochloromethane	7.356	49	53986	50.703	ug/l #	80
29) Tetrahydrofuran	7.368	42	59396	224.897	ug/l #	84
30) Chloroform	7.527	83	161593	53.962	ug/l	97
31) Cyclohexane	7.807	56	121308	44.677	ug/l	90
32) 1,1,1-Trichloroethane	7.722	97	146908	53.518	ug/l	96
36) 1,1-Dichloropropene	7.935	75	118241	48.604	ug/l	98
37) Ethyl Acetate	7.094	43	41341	42.058	ug/l #	94
38) Carbon Tetrachloride	7.923	117	132950	52.657	ug/l	97
39) Methylcyclohexane	9.197	83	143598	47.371	ug/l	91
40) Benzene	8.179	78	348845	51.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21332m	43.041	ug/l	11/21/2023
42) 1,2-Dichloroethane	8.252	62	90053	50.850	ug/l	Supervised By :Semsettin Yesilyurt
43) Isopropyl Acetate	8.289	43	80995	42.628	ug/l #	85
44) Trichloroethene	8.953	130	101389	51.615	ug/l	96
45) 1,2-Dichloropropane	9.228	63	82495	50.257	ug/l	98
46) Dibromomethane	9.319	93	44910	50.488	ug/l	99
47) Bromodichloromethane	9.508	83	120670	52.767	ug/l	99
48) Methyl methacrylate	9.307	41	48136	45.840	ug/l #	83
49) 1,4-Dioxane	9.313	88	9468	1002.596	ug/l #	59
51) 4-Methyl-2-Pentanone	10.081	43	213560	222.273	ug/l	88
52) Toluene	10.258	92	223006	51.615	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	112966	50.956	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	135414	51.141	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	64170	52.340	ug/l	96
56) Ethyl methacrylate	10.520	69	57584	49.756	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	106170	50.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	188834	240.630	ug/l	91
59) 2-Hexanone	10.843	43	147437	206.302	ug/l	85
60) Dibromochloromethane	10.996	129	81913	53.422	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58944	50.464	ug/l	100
64) Tetrachloroethene	10.734	164	101543	52.628	ug/l	98
65) Chlorobenzene	11.526	112	240136	52.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	91522	54.049	ug/l	99
67) Ethyl Benzene	11.605	91	428111	51.887	ug/l	99
68) m/p-Xylenes	11.715	106	326776	104.419	ug/l	94
69) o-Xylene	12.044	106	155961	53.676	ug/l	95
70) Styrene	12.057	104	226146	54.356	ug/l	97
71) Bromoform	12.221	173	47067	53.568	ug/l #	99
73) Isopropylbenzene	12.343	105	416114	51.543	ug/l	99
74) N-amyl acetate	12.154	43	64785	39.951	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	62608	48.329	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	37037m	38.727	ug/l	
77) Bromobenzene	12.623	156	95564	52.375	ug/l	92
78) n-propylbenzene	12.684	91	481576	50.476	ug/l	98
79) 2-Chlorotoluene	12.770	91	269017	51.165	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	339030	52.087	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	20916	47.471	ug/l	90
82) 4-Chlorotoluene	12.867	91	275975	50.796	ug/l	98
83) tert-Butylbenzene	13.087	119	297458	51.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	330364	51.547	ug/l	98
85) sec-Butylbenzene	13.264	105	420593	51.351	ug/l	99
86) p-Isopropyltoluene	13.379	119	364092	51.625	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	181106	51.592	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	176513	51.452	ug/l	100
89) n-Butylbenzene	13.709	91	325344	49.952	ug/l	96
90) Hexachloroethane	13.971	117	70368	51.723	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	156836	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9157	44.429	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	90025	51.273	ug/l	98
94) Hexachlorobutadiene	15.123	225	52705	52.396	ug/l	99
95) Naphthalene	15.245	128	160773	51.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	74988	51.636	ug/l	98

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

11/21/2023
Supervised By :Semsettin
Yesilyurt

11/21/2023

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