

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016437.D
 Acq On : 21 Nov 2023 14:56
 Operator : SY/MD
 Sample : VY1121SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS03

Quant Time: Nov 22 01:15:18 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						11/22/2023
1) Pentafluorobenzene	7.801	168	157008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	247572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101898	50.000	ug/l	0.00
System Monitoring Compounds						11/22/2023
33) 1,2-Dichloroethane-d4	8.149	65	74784	52.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.728	113	82058	58.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.700%	
50) Toluene-d8	10.191	98	310692	54.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.489	95	102398	55.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	14018	9.118	ug/l	99
3) Chloromethane	2.119	50	17743	9.854	ug/l	99
4) Vinyl Chloride	2.259	62	20627	10.654	ug/l	100
5) Bromomethane	2.662	94	13859	10.892	ug/l	96
6) Chloroethane	2.802	64	13789	11.162	ug/l	100
7) Trichlorofluoromethane	3.137	101	37574	13.339	ug/l	96
8) Diethyl Ether	3.540	74	11255	13.369	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	22456	13.236	ug/l	99
10) Methyl Iodide	4.107	142	24399	13.316	ug/l	96
11) Tert butyl alcohol	4.966	59	7739	68.870	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	20508	12.926	ug/l	86
13) Acrolein	3.741	56	10965	80.899	ug/l	98
14) Allyl chloride	4.491	41	27465	12.198	ug/l #	90
15) Acrylonitrile	5.174	53	22670	67.856	ug/l	96
16) Acetone	3.954	43	21623	91.096	ug/l #	84
17) Carbon Disulfide	4.210	76	50156	10.477	ug/l	100
18) Methyl Acetate	4.491	43	15978	12.668	ug/l #	87
19) Methyl tert-butyl Ether	5.241	73	51688	13.460	ug/l	99
20) Methylene Chloride	4.729	84	52166	29.696	ug/l #	85
21) trans-1,2-Dichloroethene	5.235	96	23615	12.927	ug/l	88
22) Diisopropyl ether	6.131	45	62280	12.835	ug/l #	85
23) Vinyl Acetate	6.070	43	144148	61.309	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	40421	13.503	ug/l	99
25) 2-Butanone	6.996	43	30415	73.156	ug/l #	86
26) 2,2-Dichloropropane	6.996	77	37656	13.821	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	26723	13.574	ug/l	91
28) Bromochloromethane	7.350	49	21547	19.449	ug/l #	78
29) Tetrahydrofuran	7.362	42	16672	60.669	ug/l #	86
30) Chloroform	7.515	83	43787	14.053	ug/l	98
31) Cyclohexane	7.795	56	33670	11.918	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	40315	14.115	ug/l	95
36) 1,1-Dichloropropene	7.929	75	32637	13.365	ug/l	98
37) Ethyl Acetate	7.088	43	12074	12.237	ug/l #	93
38) Carbon Tetrachloride	7.917	117	37315	14.723	ug/l	98
39) Methylcyclohexane	9.197	83	37990	12.485	ug/l #	86
40) Benzene	8.173	78	94853	13.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.313	41	7211	14.494	ug/l	#	91
42) 1,2-Dichloroethane	8.246	62	25053	14.093	ug/l		91
43) Isopropyl Acetate	8.277	43	23777	12.466	ug/l	#	87
44) Trichloroethene	8.947	130	27479	13.936	ug/l		97
45) 1,2-Dichloropropane	9.228	63	23156	14.053	ug/l		93
46) Dibromomethane	9.313	93	12312	13.789	ug/l		99
47) Bromodichloromethane	9.508	83	32869	14.319	ug/l		97
48) Methyl methacrylate	9.307	41	12633	11.985	ug/l	#	79
49) 1,4-Dioxane	9.307	88	2493	262.989	ug/l	#	52
51) 4-Methyl-2-Pentanone	10.081	43	60494	62.723	ug/l		89
52) Toluene	10.252	92	61593	14.202	ug/l		93
53) t-1,3-Dichloropropene	10.478	75	30489	13.701	ug/l		96
54) cis-1,3-Dichloropropene	9.941	75	37008	13.924	ug/l	#	87
55) 1,1,2-Trichloroethane	10.654	97	18222	14.806	ug/l		95
56) Ethyl methacrylate	10.520	69	15500	13.342	ug/l	#	79
57) 1,3-Dichloropropane	10.801	76	29805	14.208	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.795	63	75857	96.297	ug/l		90
59) 2-Hexanone	10.843	43	43492	60.625	ug/l		84
60) Dibromochloromethane	10.996	129	23257	15.110	ug/l		99
61) 1,2-Dibromoethane	11.099	107	16522	14.091	ug/l		98
64) Tetrachloroethene	10.727	164	28518	14.733	ug/l		96
65) Chlorobenzene	11.526	112	66380	14.412	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.599	131	25691	15.123	ug/l		98
67) Ethyl Benzene	11.605	91	116784	14.109	ug/l		99
68) m/p-Xylenes	11.715	106	88329	28.134	ug/l		95
69) o-Xylene	12.038	106	41654	14.290	ug/l		97
70) Styrene	12.057	104	60188	14.420	ug/l		97
71) Bromoform	12.215	173	13346	15.140	ug/l	#	99
73) Isopropylbenzene	12.343	105	114836	13.917	ug/l		99
74) N-amyl acetate	12.154	43	19261	11.621	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	18227	13.766	ug/l		98
76) 1,2,3-Trichloropropane	12.642	75	13517m	13.828	ug/l		
77) Bromobenzene	12.617	156	27003	14.479	ug/l		91
78) n-propylbenzene	12.684	91	135699	13.916	ug/l		98
79) 2-Chlorotoluene	12.764	91	75665	14.080	ug/l		98
80) 1,3,5-Trimethylbenzene	12.825	105	95441	14.346	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.392	75	6197	13.761	ug/l		87
82) 4-Chlorotoluene	12.867	91	78755	14.182	ug/l		99
83) tert-Butylbenzene	13.087	119	84393	14.402	ug/l		98
84) 1,2,4-Trimethylbenzene	13.129	105	94211	14.382	ug/l		99
85) sec-Butylbenzene	13.264	105	119890	14.321	ug/l		98
86) p-Isopropyltoluene	13.379	119	104322	14.472	ug/l		97
87) 1,3-Dichlorobenzene	13.379	146	52939	14.755	ug/l		99
88) 1,4-Dichlorobenzene	13.459	146	52215	14.891	ug/l		97
89) n-Butylbenzene	13.709	91	94438	14.186	ug/l		98
90) Hexachloroethane	13.971	117	19886	14.301	ug/l		93
91) 1,2-Dichlorobenzene	13.751	146	44972	14.627	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2791	13.249	ug/l		89
93) 1,2,4-Trichlorobenzene	15.019	180	26855	14.964	ug/l		100
94) Hexachlorobutadiene	15.123	225	16016	15.578	ug/l		99
95) Naphthalene	15.245	128	44379	13.827	ug/l		98
96) 1,2,3-Trichlorobenzene	15.434	180	20960	14.121	ug/l		96

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 Supervised By :Semsettin
 Yesilyurt

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

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Yesilyurt

11/22/2023

