

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016452.D
 Acq On : 22 Nov 2023 10:34
 Operator : SY/MD
 Sample : VY1122SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS02

Quant Time: Nov 23 04:03:25 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						11/24/2023
1) Pentafluorobenzene	7.801	168	158532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108495	50.000	ug/l	0.00
System Monitoring Compounds						11/24/2023
33) 1,2-Dichloroethane-d4	8.155	65	74487	51.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.820%	
35) Dibromofluoromethane	7.728	113	79310	56.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.440%	
50) Toluene-d8	10.191	98	294825	51.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.489	95	101449	54.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	34437	22.185	ug/l	98
3) Chloromethane	2.119	50	35098	19.306	ug/l	94
4) Vinyl Chloride	2.253	62	37174	19.016	ug/l	97
5) Bromomethane	2.650	94	25421	19.787	ug/l	99
6) Chloroethane	2.796	64	23621	18.936	ug/l	96
7) Trichlorofluoromethane	3.131	101	62343	21.920	ug/l	100
8) Diethyl Ether	3.534	74	18639	21.927	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	35315	20.616	ug/l	97
10) Methyl Iodide	4.101	142	38842	20.995	ug/l	97
11) Tert butyl alcohol	4.972	59	14616	128.819	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	33177	20.709	ug/l	83
13) Acrolein	3.735	56	11986	87.582	ug/l	97
14) Allyl chloride	4.491	41	41875	18.420	ug/l #	87
15) Acrylonitrile	5.174	53	37853	112.212	ug/l	98
16) Acetone	3.954	43	41225	172.008	ug/l #	86
17) Carbon Disulfide	4.204	76	101083	20.912	ug/l	98
18) Methyl Acetate	4.485	43	27459	21.561	ug/l #	85
19) Methyl tert-butyl Ether	5.235	73	83529	21.542	ug/l	97
20) Methylene Chloride	4.729	84	49247	27.522	ug/l #	81
21) trans-1,2-Dichloroethene	5.228	96	37646	20.409	ug/l	85
22) Diisopropyl ether	6.131	45	90278	18.426	ug/l #	87
23) Vinyl Acetate	6.070	43	234374	98.726	ug/l #	88
24) 1,1-Dichloroethane	6.027	63	59390	19.649	ug/l	95
25) 2-Butanone	6.996	43	56820	135.353	ug/l #	88
26) 2,2-Dichloropropane	6.990	77	55121	20.037	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	41593	20.924	ug/l	87
28) Bromochloromethane	7.344	49	22449	20.068	ug/l #	73
29) Tetrahydrofuran	7.362	42	30173	108.743	ug/l #	82
30) Chloroform	7.515	83	64055	20.360	ug/l	96
31) Cyclohexane	7.795	56	54011	18.933	ug/l #	79
32) 1,1,1-Trichloroethane	7.716	97	60506	20.980	ug/l	95
36) 1,1-Dichloropropene	7.929	75	49694	20.288	ug/l	97
37) Ethyl Acetate	7.088	43	21464	21.688	ug/l #	90
38) Carbon Tetrachloride	7.917	117	56701	22.305	ug/l	98
39) Methylcyclohexane	9.197	83	62586	20.506	ug/l	90
40) Benzene	8.173	78	144646	21.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10335m	20.711	ug/l	11/24/2023
42) 1,2-Dichloroethane	8.246	62	38608	21.653	ug/l	Supervised By :Semsettin
43) Isopropyl Acetate	8.283	43	39807	20.808	ug/l #	92Yesilyurt
44) Trichloroethene	8.947	130	42726	21.603	ug/l	87
45) 1,2-Dichloropropane	9.228	63	33123	20.042	ug/l	97
46) Dibromomethane	9.313	93	20574	22.972	ug/l	99
47) Bromodichloromethane	9.508	83	48973	21.270	ug/l	98
48) Methyl methacrylate	9.301	41	22741	21.509	ug/l #	99
49) 1,4-Dioxane	9.313	88	4699	494.211	ug/l #	80
51) 4-Methyl-2-Pentanone	10.081	43	106596	110.191	ug/l #	11/24/2023
52) Toluene	10.258	92	92241	21.204	ug/l	86
53) t-1,3-Dichloropropene	10.477	75	48419	21.692	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	56753	21.288	ug/l #	100
55) 1,1,2-Trichloroethane	10.654	97	28146	22.801	ug/l	87
56) Ethyl methacrylate	10.520	69	26426	22.678	ug/l #	95
57) 1,3-Dichloropropane	10.801	76	46480	22.090	ug/l	77
58) 2-Chloroethyl Vinyl ether	9.789	63	84332	106.734	ug/l #	100
59) 2-Hexanone	10.843	43	89209	123.978	ug/l	88
60) Dibromochloromethane	10.996	129	36465	23.620	ug/l	83
61) 1,2-Dibromoethane	11.099	107	27324	23.234	ug/l	99
64) Tetrachloroethene	10.727	164	43991	22.301	ug/l	98
65) Chlorobenzene	11.526	112	98659	21.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	38493	22.235	ug/l	99
67) Ethyl Benzene	11.599	91	173622	20.583	ug/l	99
68) m/p-Xylenes	11.709	106	135196	42.256	ug/l	99
69) o-Xylene	12.038	106	62627	21.083	ug/l	94
70) Styrene	12.056	104	92649	21.782	ug/l	96
71) Bromoform	12.215	173	22163	24.673	ug/l #	97
73) Isopropylbenzene	12.337	105	171994	19.577	ug/l	99
74) N-amyl acetate	12.154	43	33649	19.067	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	30107	21.356	ug/l	83
76) 1,2,3-Trichloropropane	12.642	75	20586m	19.779	ug/l	99
77) Bromobenzene	12.617	156	41673	20.987	ug/l	99
78) n-propylbenzene	12.678	91	200918	19.351	ug/l	91
79) 2-Chlorotoluene	12.764	91	110789	19.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	141429	19.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	10889	22.709	ug/l #	97
82) 4-Chlorotoluene	12.861	91	117803	19.924	ug/l	86
83) tert-Butylbenzene	13.081	119	125702	20.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	141302	20.259	ug/l	96
85) sec-Butylbenzene	13.264	105	174734	19.603	ug/l	99
86) p-Isopropyltoluene	13.379	119	154451	20.123	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78636	20.584	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	78092	20.917	ug/l	100
89) n-Butylbenzene	13.703	91	137755	19.435	ug/l	99
90) Hexachloroethane	13.971	117	29557	19.963	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	69388	21.197	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4868	21.703	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	42335	22.156	ug/l	83
94) Hexachlorobutadiene	15.123	225	24810	22.664	ug/l	98
95) Naphthalene	15.245	128	79086	23.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	34738	21.980	ug/l	96

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

11/24/2023
Supervised By :Semsettin
Yesilyurt

11/24/2023

