

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016434.D
 Acq On : 21 Nov 2023 13:48
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Quant Time: Nov 22 01:12:41 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
 11/22/2023
 Supervised By :Semsetun
 Yesilyurt
 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	144482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93303	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.155	65	65365	49.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.734	113	75453	57.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.220%
50) Toluene-d8	10.191	98	291336	54.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.495	95	93134	53.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	20136	14.233	ug/l	98
3) Chloromethane	2.125	50	26189	15.806	ug/l	99
4) Vinyl Chloride	2.259	62	29880	16.771	ug/l	95
5) Bromomethane	2.662	94	20339	17.371	ug/l	100
6) Chloroethane	2.808	64	20667	18.179	ug/l	99
7) Trichlorofluoromethane	3.143	101	53897	20.793	ug/l	99
8) Diethyl Ether	3.540	74	14700	18.975	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	32822	21.024	ug/l	95
10) Methyl Iodide	4.107	142	34715	20.589	ug/l	97
11) Tert butyl alcohol	4.966	59	8562	82.800	ug/l #	89
12) 1,1-Dichloroethene	3.893	96	30391	20.815	ug/l	83
13) Acrolein	3.741	56	9155	73.401	ug/l	100
14) Allyl chloride	4.497	41	39909	19.262	ug/l #	90
15) Acrylonitrile	5.186	53	28013	91.117	ug/l	97
16) Acetone	3.954	43	26863	122.983	ug/l #	86
17) Carbon Disulfide	4.210	76	74074	16.815	ug/l	100
18) Methyl Acetate	4.491	43	19629	16.912	ug/l #	88
19) Methyl tert-butyl Ether	5.235	73	67024	18.967	ug/l	100
20) Methylene Chloride	4.735	84	73312	47.324	ug/l #	84
21) trans-1,2-Dichloroethene	5.241	96	34734	20.662	ug/l	91
22) Diisopropyl ether	6.137	45	89235	19.985	ug/l #	87
23) Vinyl Acetate	6.076	43	193367	89.373	ug/l #	90
24) 1,1-Dichloroethane	6.033	63	58602	21.274	ug/l	95
25) 2-Butanone	7.003	43	37142	97.081	ug/l #	87
26) 2,2-Dichloropropane	7.003	77	56137	22.391	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	39658	21.890	ug/l	89
28) Bromochloromethane	7.350	49	20595	20.201	ug/l #	80
29) Tetrahydrofuran	7.368	42	20459	80.904	ug/l #	85
30) Chloroform	7.521	83	64653	22.548	ug/l	98
31) Cyclohexane	7.807	56	47756	18.369	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	59134	22.499	ug/l	96
36) 1,1-Dichloropropene	7.935	75	46839	20.419	ug/l	98
37) Ethyl Acetate	7.088	43	14790	15.957	ug/l #	91
38) Carbon Tetrachloride	7.917	117	53638	22.529	ug/l	99
39) Methylcyclohexane	9.197	83	54521	19.074	ug/l	91
40) Benzene	8.179	78	140042	21.729	ug/l	100

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11/22/2023

Supervised By :Semsettin

Yesilyurt

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41) Methacrylonitrile	7.344	41	9152m	19.583	ug/l	
42) 1,2-Dichloroethane	8.252	62	34038	20.383	ug/l	92
43) Isopropyl Acetate	8.289	43	29231	16.315	ug/l #	83
44) Trichloroethene	8.953	130	41002	22.136	ug/l	96
45) 1,2-Dichloropropane	9.228	63	33126	21.402	ug/l	98
46) Dibromomethane	9.319	93	16978	20.242	ug/l	99
47) Bromodichloromethane	9.508	83	47493	22.025	ug/l	99
48) Methyl methacrylate	9.307	41	16389	16.552	ug/l #	81
49) 1,4-Dioxane	9.313	88	3051	342.629	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	74717	82.471	ug/l	88
52) Toluene	10.258	92	89516	21.972	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	43316	20.721	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	53307	21.350	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	24122	20.866	ug/l	94
56) Ethyl methacrylate	10.520	69	19938	18.270	ug/l #	80
57) 1,3-Dichloropropane	10.801	76	40467	20.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	64271	86.856	ug/l #	88
59) 2-Hexanone	10.843	43	60442	89.691	ug/l	84
60) Dibromochloromethane	10.996	129	31259	21.620	ug/l	100
61) 1,2-Dibromoethane	11.105	107	22219	20.174	ug/l	98
64) Tetrachloroethene	10.734	164	40036	22.454	ug/l	98
65) Chlorobenzene	11.526	112	96450	22.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	35863	22.918	ug/l	97
67) Ethyl Benzene	11.605	91	172868	22.672	ug/l	97
68) m/p-Xylenes	11.715	106	131245	45.382	ug/l	95
69) o-Xylene	12.044	106	61527	22.914	ug/l	96
70) Styrene	12.056	104	88011	22.891	ug/l	97
71) Bromoform	12.221	173	17290	21.294	ug/l #	98
73) Isopropylbenzene	12.343	105	170701	22.593	ug/l	99
74) N-amyl acetate	12.154	43	24141	15.907	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	23934	19.741	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	17363m	19.399	ug/l	
77) Bromobenzene	12.623	156	37777	22.122	ug/l	91
78) n-propylbenzene	12.684	91	199141	22.303	ug/l	98
79) 2-Chlorotoluene	12.770	91	110903	22.538	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	139112	22.837	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	7675	18.613	ug/l	90
82) 4-Chlorotoluene	12.867	91	114277	22.475	ug/l	98
83) tert-Butylbenzene	13.087	119	122636	22.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	135863	22.651	ug/l	98
85) sec-Butylbenzene	13.264	105	174470	22.761	ug/l	100
86) p-Isopropyltoluene	13.379	119	152803	23.150	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	74986	22.825	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	73116	22.773	ug/l	98
89) n-Butylbenzene	13.709	91	135006	22.148	ug/l	96
90) Hexachloroethane	13.971	117	28994	22.772	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	63032	22.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3253	16.864	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	35159	21.396	ug/l	98
94) Hexachlorobutadiene	15.123	225	23307	24.758	ug/l	96
95) Naphthalene	15.245	128	54129	18.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	27650	20.344	ug/l	99

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

