

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016356.D
 Acq On : 15 Nov 2023 10:04
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 16 00:00:55 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 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	158827	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	255033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	219448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73227	50.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.740	113	78797	54.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.780%			
50) Toluene-d8	10.197	98	308526	52.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.495	95	96432	50.538	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29741	19.124	ug/l	99
3) Chloromethane	2.125	50	31691	17.400	ug/l	98
4) Vinyl Chloride	2.265	62	34574	17.653	ug/l	98
5) Bromomethane	2.668	94	21417	16.640	ug/l	100
6) Chloroethane	2.814	64	21880	17.508	ug/l	97
7) Trichlorofluoromethane	3.149	101	55486	19.473	ug/l	97
8) Diethyl Ether	3.552	74	15846	18.607	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.924	101	33431	19.480	ug/l	94
10) Methyl Iodide	4.119	142	33085	17.850	ug/l	99
11) Tert butyl alcohol	4.984	59	8573	75.418	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	30565	19.044	ug/l	83
13) Acrolein	3.753	56	12127	88.447	ug/l	99
14) Allyl chloride	4.515	41	42093	18.481	ug/l #	92
15) Acrylonitrile	5.192	53	30747	90.978	ug/l	98
16) Acetone	3.966	43	24678	102.776	ug/l #	89
17) Carbon Disulfide	4.222	76	81269	16.782	ug/l	99
18) Methyl Acetate	4.503	43	22337	17.507	ug/l #	91
19) Methyl tert-butyl Ether	5.253	73	70559	18.164	ug/l	100
20) Methylene Chloride	4.747	84	35408	18.695	ug/l	87
21) trans-1,2-Dichloroethene	5.247	96	33951	18.372	ug/l	89
22) Diisopropyl ether	6.149	45	94058	19.162	ug/l #	87
23) Vinyl Acetate	6.088	43	214869	90.342	ug/l #	91
24) 1,1-Dichloroethane	6.051	63	58564	19.340	ug/l	97
25) 2-Butanone	7.015	43	39882	94.828	ug/l #	88
26) 2,2-Dichloropropane	7.008	77	54466	19.762	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	38241	19.202	ug/l	92
28) Bromochloromethane	7.362	49	22470	20.050	ug/l	89
29) Tetrahydrofuran	7.374	42	23639	85.037	ug/l	90
30) Chloroform	7.533	83	62841	19.937	ug/l	99
31) Cyclohexane	7.807	56	51475	18.011	ug/l	90
32) 1,1,1-Trichloroethane	7.728	97	56850	19.676	ug/l	97
36) 1,1-Dichloropropene	7.941	75	47166	18.749	ug/l	99
37) Ethyl Acetate	7.100	43	17917	17.627	ug/l	96
38) Carbon Tetrachloride	7.923	117	52235	20.007	ug/l	97
39) Methylcyclohexane	9.203	83	56868	18.142	ug/l	92
40) Benzene	8.185	78	138039	19.531	ug/l	99

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41) Methacrylonitrile	7.332	41	8537m	16.658	ug/l	
42) 1,2-Dichloroethane	8.258	62	34690	18.943	ug/l	92
43) Isopropyl Acetate	8.295	43	33957	17.283	ug/l #	90
44) Trichloroethene	8.959	130	39424	19.409	ug/l	99
45) 1,2-Dichloropropane	9.234	63	33105	19.504	ug/l	96
46) Dibromomethane	9.325	93	17292	18.799	ug/l	97
47) Bromodichloromethane	9.514	83	46867	19.819	ug/l	97
48) Methyl methacrylate	9.313	41	19015	17.512	ug/l	87
49) 1,4-Dioxane	9.319	88	3270	334.864	ug/l #	60
51) 4-Methyl-2-Pentanone	10.087	43	87216	87.784	ug/l	91
52) Toluene	10.264	92	86039	19.258	ug/l	97
53) t-1,3-Dichloropropene	10.483	75	43399	18.931	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	52615	19.216	ug/l #	90
55) 1,1,2-Trichloroethane	10.660	97	24395	19.242	ug/l	99
56) Ethyl methacrylate	10.526	69	20939	17.497	ug/l #	86
57) 1,3-Dichloropropane	10.807	76	41634	19.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	71979	88.701	ug/l	93
59) 2-Hexanone	10.849	43	71314	96.499	ug/l	89
60) Dibromochloromethane	11.002	129	31223	19.692	ug/l	99
61) 1,2-Dibromoethane	11.105	107	23376	19.354	ug/l	98
64) Tetrachloroethene	10.733	164	38688	19.634	ug/l	95
65) Chlorobenzene	11.532	112	93141	19.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	35027	20.255	ug/l	99
67) Ethyl Benzene	11.611	91	166663	19.779	ug/l	97
68) m/p-Xylenes	11.721	106	127056	39.755	ug/l	95
69) o-Xylene	12.044	106	59233	19.962	ug/l	95
70) Styrene	12.062	104	83974	19.764	ug/l	98
71) Bromoform	12.227	173	17657	19.678	ug/l #	97
73) Isopropylbenzene	12.343	105	161536	19.654	ug/l	99
74) N-amyl acetate	12.154	43	27057	16.389	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	25221	19.123	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	20022m	20.564	ug/l	
77) Bromobenzene	12.623	156	35805	19.275	ug/l	96
78) n-propylbenzene	12.684	91	192314	19.799	ug/l	99
79) 2-Chlorotoluene	12.770	91	105381	19.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	131660	19.869	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8273	18.443	ug/l	91
82) 4-Chlorotoluene	12.867	91	108387	19.596	ug/l	99
83) tert-Butylbenzene	13.087	119	115415	19.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	128836	19.745	ug/l	99
85) sec-Butylbenzene	13.270	105	167318	20.065	ug/l	100
86) p-Isopropyltoluene	13.379	119	143778	20.024	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	69552	19.462	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	69693	19.954	ug/l	98
89) n-Butylbenzene	13.709	91	131851	19.884	ug/l	98
90) Hexachloroethane	13.971	117	27757	20.040	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	59243	19.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3334	15.889	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	33390	18.679	ug/l	98
94) Hexachlorobutadiene	15.123	225	20516	20.033	ug/l	98
95) Naphthalene	15.251	128	53329	16.681	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	25662	17.357	ug/l	99

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

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