

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015408.D
 Acq On : 01 Sep 2023 12:07
 Operator : SY/MD
 Sample : VY0901SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
 Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80069	48.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.715	113	70425	46.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.080%		
50) Toluene-d8	10.178	98	245992	44.886	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.483	95	89783	44.130	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	22442	16.862	ug/l	90
3) Chloromethane	2.107	50	34227	19.364	ug/l	97
4) Vinyl Chloride	2.247	62	36104	17.549	ug/l	99
5) Bromomethane	2.637	94	27964	19.103	ug/l	98
6) Chloroethane	2.783	64	26876	19.875	ug/l	97
7) Trichlorofluoromethane	3.119	101	51909	17.838	ug/l	97
8) Diethyl Ether	3.527	74	21383	21.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	28956	17.952	ug/l	96
10) Methyl Iodide	4.088	142	34479	18.203	ug/l	99
11) Tert butyl alcohol	4.929	59	68939	183.080	ug/l #	89
12) 1,1-Dichloroethene	3.868	96	27957	18.369	ug/l	92
13) Acrolein	3.728	56	31533	77.580	ug/l	99
14) Allyl chloride	4.472	41	48823	20.148	ug/l	96
15) Acrylonitrile	5.161	53	69704	111.382	ug/l	99
16) Acetone	3.954	43	69112	100.884	ug/l	91
17) Carbon Disulfide	4.192	76	76220	16.751	ug/l	99
18) Methyl Acetate	4.478	43	54830	22.097	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	104675	21.161	ug/l	100
20) Methylene Chloride	4.716	84	47364	17.061	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	34463	19.664	ug/l	88
22) Diisopropyl ether	6.124	45	113948	21.500	ug/l	91
23) Vinyl Acetate	6.063	43	355281	106.174	ug/l	97
24) 1,1-Dichloroethane	6.014	63	62734	20.477	ug/l	99
25) 2-Butanone	6.990	43	106206	109.305	ug/l	98
26) 2,2-Dichloropropane	6.978	77	52527	20.186	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	41174	20.709	ug/l	97
28) Bromochloromethane	7.331	49	21379	22.756	ug/l	98
29) Tetrahydrofuran	7.350	42	66187	108.473	ug/l	94
30) Chloroform	7.508	83	67354	20.913	ug/l	99
31) Cyclohexane	7.782	56	49353	16.928	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	55073	19.145	ug/l	99
36) 1,1-Dichloropropene	7.917	75	47445	17.855	ug/l	100
37) Ethyl Acetate	7.069	43	43270	21.114	ug/l	95
38) Carbon Tetrachloride	7.898	117	47147	17.179	ug/l	95
39) Methylcyclohexane	9.185	83	52105	15.575	ug/l	91
40) Benzene	8.160	78	143154	19.310	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22601m	23.517	ug/l	
42) 1,2-Dichloroethane	8.234	62	48685	19.694	ug/l	96
43) Isopropyl Acetate	8.270	43	72571	20.478	ug/l	97
44) Trichloroethene	8.941	130	41628	19.846	ug/l	94
45) 1,2-Dichloropropane	9.215	63	37208	19.909	ug/l	93
46) Dibromomethane	9.307	93	24716	19.909	ug/l	96
47) Bromodichloromethane	9.496	83	52895	19.924	ug/l	96
48) Methyl methacrylate	9.294	41	32428	19.944	ug/l	95
49) 1,4-Dioxane	9.313	88	9221	399.884	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	219869	106.744	ug/l	95
52) Toluene	10.245	92	90821	19.113	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	54430	19.291	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	60164	19.603	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	34060	20.362	ug/l	98
56) Ethyl methacrylate	10.508	69	50017	20.178	ug/l	90
57) 1,3-Dichloropropane	10.788	76	58596	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	90485	102.269	ug/l	96
59) 2-Hexanone	10.831	43	159279	103.057	ug/l	93
60) Dibromochloromethane	10.983	129	39424	20.136	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34749	20.502	ug/l	97
64) Tetrachloroethene	10.721	164	45686	20.680	ug/l	97
65) Chlorobenzene	11.513	112	100752	19.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37184	19.370	ug/l	98
67) Ethyl Benzene	11.593	91	173957	18.472	ug/l	98
68) m/p-Xylenes	11.702	106	134664	36.890	ug/l	95
69) o-Xylene	12.026	106	65174	18.682	ug/l	98
70) Styrene	12.044	104	112230	19.133	ug/l	96
71) Bromoform	12.208	173	27001	20.164	ug/l #	96
73) Isopropylbenzene	12.330	105	168947	18.586	ug/l	100
74) N-amyl acetate	12.141	43	61280	20.066	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	42432	19.554	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	34728m	21.639	ug/l	
77) Bromobenzene	12.605	156	42166	19.585	ug/l	97
78) n-propylbenzene	12.672	91	203280	18.481	ug/l	100
79) 2-Chlorotoluene	12.757	91	118190	19.157	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	141284	18.582	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	14186	19.499	ug/l	99
82) 4-Chlorotoluene	12.855	91	124437	19.407	ug/l	100
83) tert-Butylbenzene	13.074	119	120254	18.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	141241	18.709	ug/l	97
85) sec-Butylbenzene	13.251	105	179219	18.043	ug/l	100
86) p-Isopropyltoluene	13.367	119	150331	18.058	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	83156	19.564	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	84331	19.628	ug/l	98
89) n-Butylbenzene	13.696	91	140037	17.872	ug/l	97
90) Hexachloroethane	13.958	117	27265	18.312	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	78618	20.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8820	20.547	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	48314	19.834	ug/l	98
94) Hexachlorobutadiene	15.110	225	23498	17.690	ug/l	98
95) Naphthalene	15.232	128	120716	20.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	43568	19.608	ug/l	99

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

