

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009319.D
 Acq On : 25 Jun 2022 13:23
 Operator : KP/MD
 Sample : VY0625SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 10:25:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	280022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68398	48.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.710	113	75258	45.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.173	98	234885	48.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.477	95	114227	48.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32892	21.456	ug/l	97
3) Chloromethane	2.107	50	37556	20.851	ug/l	99
4) Vinyl Chloride	2.247	62	40388	20.846	ug/l	100
5) Bromomethane	2.625	94	24727	19.799	ug/l	94
6) Chloroethane	2.778	64	20716	21.120	ug/l	99
7) Trichlorofluoromethane	3.113	101	51174	20.758	ug/l	97
8) Diethyl Ether	3.521	74	21089	22.029	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	36231	20.558	ug/l	99
10) Methyl Iodide	4.076	142	44309	18.934	ug/l	98
11) Tert butyl alcohol	4.942	59	36490	114.615	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	35172	20.303	ug/l	93
13) Acrolein	3.723	56	16513	96.044	ug/l	94
14) Allyl chloride	4.472	41	60993	20.057	ug/l	97
15) Acrylonitrile	5.155	53	55037	104.377	ug/l	98
16) Acetone	3.936	43	46469	97.869	ug/l	99
17) Carbon Disulfide	4.180	76	110138	19.528	ug/l	97
18) Methyl Acetate	4.466	43	28887	21.852	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	101714	20.900	ug/l	100
20) Methylene Chloride	4.704	84	43008	18.936	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	40975	20.049	ug/l	99
22) Diisopropyl ether	6.112	45	131290	21.794	ug/l #	96
23) Vinyl Acetate	6.045	43	416557	107.448	ug/l	96
24) 1,1-Dichloroethane	6.003	63	72359	20.823	ug/l	96
25) 2-Butanone	6.978	43	74203	103.923	ug/l	97
26) 2,2-Dichloropropane	6.972	77	64027	19.865	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	45309	20.227	ug/l	96
28) Bromochloromethane	7.326	49	29751	20.014	ug/l	97
29) Tetrahydrofuran	7.338	42	50996	111.284	ug/l	97
30) Chloroform	7.496	83	71420	20.372	ug/l	99
31) Cyclohexane	7.777	56	69963	20.832	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	62975	20.342	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57186	20.812	ug/l	99
37) Ethyl Acetate	7.063	43	33163	21.251	ug/l	99
38) Carbon Tetrachloride	7.893	117	57838	20.471	ug/l	98
39) Methylcyclohexane	9.179	83	70523	20.598	ug/l	98
40) Benzene	8.155	78	169247	20.930	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	17568m	20.909	ug/l	
42) 1,2-Dichloroethane	8.234	62	47795	20.995	ug/l	99
43) Isopropyl Acetate	8.264	43	60119	20.852	ug/l	99
44) Trichloroethene	8.935	130	47032	20.800	ug/l	97
45) 1,2-Dichloropropane	9.209	63	43400	21.867	ug/l	100
46) Dibromomethane	9.301	93	23413	20.345	ug/l	97
47) Bromodichloromethane	9.490	83	55454	20.722	ug/l	97
48) Methyl methacrylate	9.289	41	27208	21.235	ug/l	95
49) 1,4-Dioxane	9.295	88	6897	440.799	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	163319	112.121	ug/l	99
52) Toluene	10.240	92	107345	21.427	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	59245	20.918	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	66790	20.697	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	33483	21.134	ug/l	99
56) Ethyl methacrylate	10.508	69	45777	21.859	ug/l	98
57) 1,3-Dichloropropane	10.782	76	56991	21.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	113186	104.511	ug/l	96
59) 2-Hexanone	10.825	43	109169	107.748	ug/l	98
60) Dibromochloromethane	10.983	129	39645	20.656	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32762	21.098	ug/l	98
64) Tetrachloroethene	10.715	164	51152	21.001	ug/l	90
65) Chlorobenzene	11.514	112	115246	20.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42405	21.299	ug/l	99
67) Ethyl Benzene	11.587	91	203896	20.784	ug/l	97
68) m/p-Xylenes	11.697	106	159578	41.403	ug/l	98
69) o-Xylene	12.026	106	74281	20.538	ug/l	96
70) Styrene	12.038	104	125638	20.926	ug/l	99
71) Bromoform	12.203	173	25803	20.997	ug/l #	97
73) Isopropylbenzene	12.325	105	196216	21.158	ug/l	100
74) N-amyl acetate	12.142	43	53075	21.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	37383	21.387	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	26951m	20.648	ug/l	
77) Bromobenzene	12.605	156	46754	20.597	ug/l	98
78) n-propylbenzene	12.666	91	238053	20.815	ug/l	100
79) 2-Chlorotoluene	12.751	91	135861	21.382	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	166089	21.262	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	14032	21.281	ug/l	97
82) 4-Chlorotoluene	12.849	91	138858	20.973	ug/l	99
83) tert-Butylbenzene	13.075	119	145191	21.255	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	165766	21.523	ug/l	98
85) sec-Butylbenzene	13.251	105	213657	21.087	ug/l	99
86) p-Isopropyltoluene	13.367	119	178582	21.305	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	93213	21.316	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	92926	21.061	ug/l	98
89) n-Butylbenzene	13.696	91	166101	21.128	ug/l	98
90) Hexachloroethane	13.959	117	34074	21.480	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	83649	21.312	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6231	20.630	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	47747	20.220	ug/l	100
94) Hexachlorobutadiene	15.111	225	26722	20.486	ug/l	98
95) Naphthalene	15.233	128	93373	19.750	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	40424	19.761	ug/l	99

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

