

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009308.D
 Acq On : 24 Jun 2022 14:09
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:32:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 06:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	19995	10.134	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.260%#		
35) Dibromofluoromethane	7.710	113	18247	9.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.920%#		
50) Toluene-d8	10.173	98	73479	10.161	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.320%#		
62) 4-Bromofluorobenzene	12.477	95	26346	9.984	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18032	12.799	ug/l	99
3) Chloromethane	2.107	50	20368	11.922	ug/l	94
4) Vinyl Chloride	2.241	62	22478	11.928	ug/l	98
5) Bromomethane	2.631	94	13299	10.307	ug/l	94
6) Chloroethane	2.784	64	10855	8.947	ug/l	97
7) Trichlorofluoromethane	3.113	101	27712	9.493	ug/l	97
8) Diethyl Ether	3.521	74	10475	9.665	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	19071	10.132	ug/l	99
10) Methyl Iodide	4.082	142	24624	10.633	ug/l	98
11) Tert butyl alcohol	4.924	59	22592	58.296	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	18426	10.199	ug/l	96
13) Acrolein	3.717	56	8357	85.653	ug/l	87
14) Allyl chloride	4.472	41	31629	9.809	ug/l	94
15) Acrylonitrile	5.149	53	27696	46.121	ug/l	98
16) Acetone	3.942	43	24329	47.173	ug/l	95
17) Carbon Disulfide	4.180	76	59994	11.714	ug/l	96
18) Methyl Acetate	4.460	43	14047	8.107	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	50802	9.506	ug/l	99
20) Methylene Chloride	4.698	84	29783	8.977	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	21069	9.897	ug/l	95
22) Diisopropyl ether	6.106	45	68275	10.276	ug/l	97
23) Vinyl Acetate	6.051	43	208965	50.957	ug/l	97
24) 1,1-Dichloroethane	6.003	63	37545	9.880	ug/l	96
25) 2-Butanone	6.984	43	37715	46.469	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	35167	9.875	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	23748	9.686	ug/l	97
28) Bromochloromethane	7.326	49	15333	9.278	ug/l	90
29) Tetrahydrofuran	7.344	42	24385	47.553	ug/l	96
30) Chloroform	7.496	83	37254	9.594	ug/l	99
31) Cyclohexane	7.783	56	37264	10.534	ug/l #	96
32) 1,1,1-Trichloroethane	7.691	97	32319	9.500	ug/l	97
36) 1,1-Dichloropropene	7.911	75	28785	9.589	ug/l	98
37) Ethyl Acetate	7.063	43	17545	9.691	ug/l	99
38) Carbon Tetrachloride	7.899	117	28754	9.215	ug/l	97
39) Methylcyclohexane	9.179	83	35123	9.502	ug/l	97
40) Benzene	8.155	78	88265	9.973	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9912m	10.134	ug/l	
42) 1,2-Dichloroethane	8.228	62	23890	9.395	ug/l	98
43) Isopropyl Acetate	8.271	43	31245	9.443	ug/l	98
44) Trichloroethene	8.935	130	24660	9.887	ug/l	97
45) 1,2-Dichloropropane	9.216	63	21722	9.598	ug/l	93
46) Dibromomethane	9.301	93	12503	9.644	ug/l	99
47) Bromodichloromethane	9.490	83	27954	9.139	ug/l	97
48) Methyl methacrylate	9.289	41	13499	9.327	ug/l	92
49) 1,4-Dioxane	9.295	88	3227	172.562	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	80361	46.822	ug/l	98
52) Toluene	10.240	92	53994	9.679	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	29222	9.175	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	33619	9.287	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	17069	9.465	ug/l	96
56) Ethyl methacrylate	10.508	69	21670	9.058	ug/l	93
57) 1,3-Dichloropropane	10.782	76	29019	9.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	52204	48.697	ug/l	99
59) 2-Hexanone	10.831	43	54753	47.063	ug/l	97
60) Dibromochloromethane	10.977	129	20414	9.257	ug/l	99
61) 1,2-Dibromoethane	11.087	107	16486	9.287	ug/l	99
64) Tetrachloroethene	10.715	164	25923	9.608	ug/l	96
65) Chlorobenzene	11.514	112	58800	9.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21167	9.241	ug/l	98
67) Ethyl Benzene	11.587	91	103721	9.541	ug/l	95
68) m/p-Xylenes	11.703	106	82370	19.272	ug/l	100
69) o-Xylene	12.026	106	37431	9.250	ug/l	95
70) Styrene	12.044	104	62820	9.340	ug/l	100
71) Bromoform	12.203	173	12478	8.838	ug/l #	100
73) Isopropylbenzene	12.325	105	98113	9.238	ug/l	98
74) N-amyl acetate	12.142	43	26706	9.380	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	19023	9.400	ug/l	98
76) 1,2,3-Trichloropropane	12.623	75	13908m	8.855	ug/l	
77) Bromobenzene	12.605	156	24053	9.305	ug/l	94
78) n-propylbenzene	12.666	91	123408	9.635	ug/l	98
79) 2-Chlorotoluene	12.751	91	68522	9.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	83443	9.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	6507	8.694	ug/l	96
82) 4-Chlorotoluene	12.849	91	71897	9.550	ug/l	100
83) tert-Butylbenzene	13.075	119	72661	9.441	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	83680	9.676	ug/l	99
85) sec-Butylbenzene	13.251	105	110391	9.585	ug/l	99
86) p-Isopropyltoluene	13.367	119	89895	9.400	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	47472	9.478	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	48317	9.624	ug/l	96
89) n-Butylbenzene	13.696	91	85421	9.594	ug/l	99
90) Hexachloroethane	13.959	117	17667	9.770	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	42133	9.393	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3114	8.622	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	24914	9.149	ug/l	98
94) Hexachlorobutadiene	15.111	225	14426	9.813	ug/l	98
95) Naphthalene	15.233	128	45665	8.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20587	8.789	ug/l	99

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

