

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009181.D
 Acq On : 08 Jun 2022 20:42
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060822

Quant Time: Jun 09 02:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 02:37:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	174521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71016	43.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.200%		
35) Dibromofluoromethane	7.710	113	73664	46.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.860%		
50) Toluene-d8	10.173	98	237985	41.827	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.660%		
62) 4-Bromofluorobenzene	12.477	95	125178	53.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	65600	44.579	ug/l	97
3) Chloromethane	2.107	50	127603	44.890	ug/l	98
4) Vinyl Chloride	2.241	62	192551	43.845	ug/l	97
5) Bromomethane	2.637	94	169608	40.106	ug/l	99
6) Chloroethane	2.784	64	135842	43.055	ug/l	96
7) Trichlorofluoromethane	3.113	101	140521	45.298	ug/l	93
8) Diethyl Ether	3.527	74	43009	47.057	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	78625	46.167	ug/l	95
10) Methyl Iodide	4.076	142	87195	52.606	ug/l	92
11) Tert butyl alcohol	4.942	59	43616	235.305	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	74078	47.517	ug/l	81
13) Acrolein	3.723	56	22056	274.830	ug/l	100
14) Allyl chloride	4.466	41	110404	48.186	ug/l #	85
15) Acrylonitrile	5.155	53	116322	235.542	ug/l	100
16) Acetone	3.936	43	88265	237.116	ug/l	92
17) Carbon Disulfide	4.180	76	235557	47.759	ug/l	98
18) Methyl Acetate	4.466	43	53667	49.012	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	239346	49.552	ug/l	94
20) Methylene Chloride	4.704	84	99534	50.467	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	92405	46.913	ug/l	84
22) Diisopropyl ether	6.112	45	282298	48.627	ug/l #	96
23) Vinyl Acetate	6.051	43	962867	224.518	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	161378	48.001	ug/l	99
25) 2-Butanone	6.978	43	157627	241.640	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	141902	44.634	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	107962	48.321	ug/l	88
28) Bromochloromethane	7.326	49	71175	45.709	ug/l #	90
29) Tetrahydrofuran	7.338	42	106776	244.001	ug/l #	83
30) Chloroform	7.502	83	174694	47.973	ug/l	99
31) Cyclohexane	7.777	56	149011	45.870	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	154722	47.613	ug/l	98
36) 1,1-Dichloropropene	7.911	75	137013	48.004	ug/l	98
37) Ethyl Acetate	7.069	43	73381	48.582	ug/l #	96
38) Carbon Tetrachloride	7.893	117	142201	47.400	ug/l	96
39) Methylcyclohexane	9.179	83	172947	48.978	ug/l	90
40) Benzene	8.155	78	396603	48.231	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	42629m	47.195	ug/l	
42) 1,2-Dichloroethane	8.234	62	121942	48.391	ug/l	94
43) Isopropyl Acetate	8.271	43	145647	49.696	ug/l #	93
44) Trichloroethene	8.935	130	104251	48.257	ug/l	99
45) 1,2-Dichloropropane	9.209	63	98755	49.215	ug/l	100
46) Dibromomethane	9.301	93	63437	48.549	ug/l	93
47) Bromodichloromethane	9.490	83	143556	48.625	ug/l	99
48) Methyl methacrylate	9.289	41	65921	51.025	ug/l #	83
49) 1,4-Dioxane	9.289	88	17728	1013.955	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	408584	249.683	ug/l	93
52) Toluene	10.240	92	282550	50.518	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	157514	50.101	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	164772	48.647	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	89383	50.766	ug/l	96
56) Ethyl methacrylate	10.508	69	118953	44.824	ug/l	88
57) 1,3-Dichloropropane	10.788	76	146648	50.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	315283	267.539	ug/l	94
59) 2-Hexanone	10.831	43	288583	260.774	ug/l	90
60) Dibromochloromethane	10.983	129	108836	50.167	ug/l	100
61) 1,2-Dibromoethane	11.087	107	87780	50.481	ug/l	98
64) Tetrachloroethene	10.715	164	93520	43.374	ug/l	98
65) Chlorobenzene	11.514	112	302384	48.878	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	116224	50.447	ug/l	97
67) Ethyl Benzene	11.587	91	557205	50.073	ug/l	100
68) m/p-Xylenes	11.703	106	473946	103.582	ug/l	90
69) o-Xylene	12.026	106	222342	44.883	ug/l	90
70) Styrene	12.044	104	388602	42.333	ug/l	95
71) Bromoform	12.203	173	79618	47.331	ug/l #	98
73) Isopropylbenzene	12.331	105	593957	47.158	ug/l	100
74) N-amyl acetate	12.142	43	159726	48.121	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	122033	45.749	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	103324m	51.674	ug/l	
77) Bromobenzene	12.605	156	138309	47.709	ug/l	94
78) n-propylbenzene	12.672	91	734916	47.517	ug/l	98
79) 2-Chlorotoluene	12.751	91	403629	48.299	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	521582	48.900	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	42311	46.035	ug/l	87
82) 4-Chlorotoluene	12.849	91	444365	48.143	ug/l	97
83) tert-Butylbenzene	13.075	119	456189	48.381	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	527136	49.557	ug/l	96
85) sec-Butylbenzene	13.251	105	714641	48.883	ug/l	100
86) p-Isopropyltoluene	13.367	119	618712	49.035	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	310088	47.240	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	310664	48.189	ug/l	99
89) n-Butylbenzene	13.696	91	564906	49.305	ug/l	98
90) Hexachloroethane	13.959	117	109222	48.217	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	282592	49.128	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18872	48.148	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	141412	47.069	ug/l	99
94) Hexachlorobutadiene	15.111	225	75500	44.777	ug/l	100
95) Naphthalene	15.239	128	302829	50.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	124932	47.350	ug/l	100

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

