

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010423.D
 Acq On : 09 Sep 2022 17:23
 Operator : KP/MD
 Sample : VY0909SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Quant Time: Sep 09 23:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	249452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	390992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	351477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128616	51.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.380%			
35) Dibromofluoromethane	7.710	113	128880	46.412	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.820%			
50) Toluene-d8	10.173	98	482851	53.653	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.300%			
62) 4-Bromofluorobenzene	12.477	95	170041	47.340	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45406	24.199	ug/l	97
3) Chloromethane	2.107	50	65556	23.391	ug/l	96
4) Vinyl Chloride	2.241	62	79702	23.051	ug/l	98
5) Bromomethane	2.631	94	56254	23.223	ug/l	96
6) Chloroethane	2.784	64	51574	22.300	ug/l	98
7) Trichlorofluoromethane	3.113	101	98595	22.512	ug/l	98
8) Diethyl Ether	3.515	74	29944	21.110	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	56949	22.208	ug/l	95
10) Methyl Iodide	4.076	142	63926	20.146	ug/l	91
11) Tert butyl alcohol	4.942	59	36068	115.177	ug/l	98
12) 1,1-Dichloroethene	3.857	96	52965	22.017	ug/l	83
13) Acrolein	3.716	56	24607	102.665	ug/l	99
14) Allyl chloride	4.472	41	72512	20.932	ug/l #	93
15) Acrylonitrile	5.155	53	71321	103.867	ug/l	99
16) Acetone	3.936	43	63917	110.858	ug/l	91
17) Carbon Disulfide	4.180	76	146954	22.589	ug/l	100
18) Methyl Acetate	4.466	43	38209	21.541	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	139052	20.931	ug/l	95
20) Methylene Chloride	4.704	84	71643	21.783	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	59001	21.600	ug/l	85
22) Diisopropyl ether	6.112	45	161615	20.897	ug/l #	93
23) Vinyl Acetate	6.051	43	490562	103.506	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	100829	21.535	ug/l	99
25) 2-Butanone	6.978	43	98285	107.264	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	93022	20.821	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	69102	21.764	ug/l	85
28) Bromochloromethane	7.326	49	25225	16.804	ug/l #	77
29) Tetrahydrofuran	7.344	42	59520	104.079	ug/l #	82
30) Chloroform	7.496	83	106475	21.439	ug/l	98
31) Cyclohexane	7.777	56	92001	21.676	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	98631	21.932	ug/l	95
36) 1,1-Dichloropropene	7.911	75	81593	21.463	ug/l	96
37) Ethyl Acetate	7.069	43	40804	20.418	ug/l #	92
38) Carbon Tetrachloride	7.893	117	89903	21.257	ug/l	99
39) Methylcyclohexane	9.179	83	100545	21.212	ug/l	88
40) Benzene	8.155	78	232306	21.228	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24299m	21.269	ug/l	
42) 1,2-Dichloroethane	8.234	62	67929	20.874	ug/l	93
43) Isopropyl Acetate	8.271	43	73763	20.169	ug/l #	88
44) Trichloroethene	8.935	130	67340	20.905	ug/l	98
45) 1,2-Dichloropropane	9.209	63	55643	20.848	ug/l	99
46) Dibromomethane	9.301	93	33715	20.948	ug/l	97
47) Bromodichloromethane	9.490	83	80121	20.958	ug/l	98
48) Methyl methacrylate	9.289	41	33676	20.502	ug/l #	82
49) 1,4-Dioxane	9.289	88	8513	399.564	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	202793	101.090	ug/l	89
52) Toluene	10.240	92	149943	20.938	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	81196	20.638	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	91910	20.712	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	47761	20.861	ug/l	97
56) Ethyl methacrylate	10.508	69	60948	20.270	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	79872	20.981	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	126378	140.180	ug/l	92
59) 2-Hexanone	10.831	43	139945	102.341	ug/l	88
60) Dibromochloromethane	10.983	129	58244	20.818	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46347	20.854	ug/l	99
64) Tetrachloroethene	10.715	164	67644	21.352	ug/l	97
65) Chlorobenzene	11.514	112	163578	20.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	61204	21.024	ug/l	97
67) Ethyl Benzene	11.587	91	289225	20.790	ug/l	97
68) m/p-Xylenes	11.703	106	229252	41.976	ug/l	93
69) o-Xylene	12.026	106	108208	20.750	ug/l	92
70) Styrene	12.044	104	181638	20.579	ug/l	95
71) Bromoform	12.209	173	36843	20.242	ug/l #	99
73) Isopropylbenzene	12.325	105	288675	20.738	ug/l	98
74) N-amyl acetate	12.142	43	62650	19.289	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	53557	20.567	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	38831m	19.721	ug/l	
77) Bromobenzene	12.605	156	68964	20.908	ug/l	90
78) n-propylbenzene	12.666	91	344608	20.906	ug/l	97
79) 2-Chlorotoluene	12.751	91	191998	20.735	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	243681	20.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	17105	19.288	ug/l	94
82) 4-Chlorotoluene	12.849	91	198851	20.643	ug/l	97
83) tert-Butylbenzene	13.075	119	214438	20.888	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	241377	21.004	ug/l	98
85) sec-Butylbenzene	13.251	105	314777	20.708	ug/l	99
86) p-Isopropyltoluene	13.367	119	267017	20.767	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	137276	20.725	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134836	20.558	ug/l	99
89) n-Butylbenzene	13.696	91	241475	20.690	ug/l	99
90) Hexachloroethane	13.959	117	49945	20.688	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	119739	20.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8737	19.878	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	73974	20.302	ug/l	99
94) Hexachlorobutadiene	15.111	225	46037	20.941	ug/l	99
95) Naphthalene	15.233	128	143453	19.961	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	63180	19.864	ug/l	98

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

