

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010232.D
 Acq On : 31 Aug 2022 09:37
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY083122

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

09/01/2022

Supervised By :Mahesh
 Dadoda

09/01/2022

Quant Time: Aug 31 14:43:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	290697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82268	48.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.710	113	81341	48.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.179	98	368495	58.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.740%
62) 4-Bromofluorobenzene	12.483	95	125977	54.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	70835	47.857	ug/l	99
3) Chloromethane	2.107	50	69132	45.868	ug/l	97
4) Vinyl Chloride	2.247	62	79872	47.162	ug/l	97
5) Bromomethane	2.643	94	62244	45.312	ug/l	100
6) Chloroethane	2.790	64	56883	49.495	ug/l	100
7) Trichlorofluoromethane	3.119	101	153175	48.246	ug/l	96
8) Diethyl Ether	3.521	74	49825	48.211	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	91450	50.703	ug/l	90
10) Methyl Iodide	4.082	142	126151	49.693	ug/l	90
11) Tert butyl alcohol	4.948	59	33425	195.503	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	88545	48.840	ug/l #	80
13) Acrolein	3.716	56	53380	238.165	ug/l	98
14) Allyl chloride	4.472	41	121487	49.090	ug/l #	92
15) Acrylonitrile	5.155	53	110792	234.650	ug/l	98
16) Acetone	3.942	43	101133	281.475	ug/l #	89
17) Carbon Disulfide	4.186	76	256047	46.936	ug/l	100
18) Methyl Acetate	4.466	43	53802	45.538	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	230354	48.980	ug/l	94
20) Methylene Chloride	4.704	84	96780	45.746	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	98967	49.694	ug/l	83
22) Diisopropyl ether	6.106	45	247921	49.768	ug/l #	94
23) Vinyl Acetate	6.051	43	775402	243.137	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	154729	49.582	ug/l	97
25) 2-Butanone	6.978	43	137255	221.808	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	151503	51.883	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	110417	48.772	ug/l	83
28) Bromochloromethane	7.326	49	54670	51.551	ug/l #	60
29) Tetrahydrofuran	7.338	42	87667	214.553	ug/l #	80
30) Chloroform	7.502	83	173305	49.040	ug/l	98
31) Cyclohexane	7.777	56	135363	44.343	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	162107	50.040	ug/l	94
36) 1,1-Dichloropropene	7.911	75	128969	50.871	ug/l	96
37) Ethyl Acetate	7.063	43	61711	46.184	ug/l #	94
38) Carbon Tetrachloride	7.893	117	153130	52.642	ug/l	96
39) Methylcyclohexane	9.179	83	159687	49.157	ug/l	88
40) Benzene	8.155	78	372030	49.695	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	38312m	50.751	ug/l	
42) 1,2-Dichloroethane	8.228	62	110413	49.896	ug/l	92
43) Isopropyl Acetate	8.271	43	112708	44.059	ug/l #	86
44) Trichloroethene	8.935	130	116062	50.240	ug/l	96
45) 1,2-Dichloropropane	9.209	63	84074	46.469	ug/l	96
46) Dibromomethane	9.301	93	55168	49.421	ug/l	88
47) Bromodichloromethane	9.496	83	153527	59.406	ug/l	100
48) Methyl methacrylate	9.289	41	52853	46.386	ug/l #	84
49) 1,4-Dioxane	9.295	88	12415	1025.797	ug/l #	81
51) 4-Methyl-2-Pentanone	10.063	43	391552	287.186	ug/l	90
52) Toluene	10.240	92	284110	58.159	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	162802	57.474	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	183731	60.392	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	89849	52.827	ug/l	97
56) Ethyl methacrylate	10.508	69	121976	55.147	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	154320	55.033	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	150878	279.541	ug/l	94
59) 2-Hexanone	10.831	43	297037	285.513	ug/l	90
60) Dibromochloromethane	10.983	129	116432	54.641	ug/l	99
61) 1,2-Dibromoethane	11.087	107	89086	53.108	ug/l	100
64) Tetrachloroethene	10.721	164	130349	49.032	ug/l	97
65) Chlorobenzene	11.514	112	315258	49.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	119338	49.823	ug/l	98
67) Ethyl Benzene	11.593	91	543646	50.210	ug/l	97
68) m/p-Xylenes	11.703	106	429596	99.471	ug/l	93
69) o-Xylene	12.026	106	203588	50.654	ug/l	92
70) Styrene	12.044	104	346788	51.462	ug/l	96
71) Bromoform	12.209	173	78149	49.357	ug/l #	98
73) Isopropylbenzene	12.331	105	548584	52.261	ug/l	99
74) N-amyl acetate	12.142	43	133929	49.009	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	101702	47.791	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	79301m	51.943	ug/l	
77) Bromobenzene	12.605	156	135744	50.603	ug/l	89
78) n-propylbenzene	12.672	91	660365	53.040	ug/l	97
79) 2-Chlorotoluene	12.758	91	377558	52.569	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	456428	51.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37579	51.354	ug/l #	84
82) 4-Chlorotoluene	12.855	91	378411	50.221	ug/l	97
83) tert-Butylbenzene	13.075	119	395146	50.107	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	449158	51.288	ug/l	97
85) sec-Butylbenzene	13.251	105	579688	49.973	ug/l	98
86) p-Isopropyltoluene	13.367	119	511811	53.236	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	273309	51.553	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	264035	49.432	ug/l	98
89) n-Butylbenzene	13.696	91	463401	52.065	ug/l	98
90) Hexachloroethane	13.965	117	97189	50.171	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	243112	50.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16846	45.539	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	151837	48.262	ug/l	100
94) Hexachlorobutadiene	15.111	225	88084	47.268	ug/l	98
95) Naphthalene	15.239	128	270306	43.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	124049	44.437	ug/l	99

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

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