

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010228.D
 Acq On : 30 Aug 2022 19:23
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 31 01:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 01:28:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	182573	80.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.180%	
35) Dibromofluoromethane	7.710	113	178089	91.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.240%#	
50) Toluene-d8	10.173	98	679777	90.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 181.580%#	
62) 4-Bromofluorobenzene	12.477	95	265703	100.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 201.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	137773	87.851	ug/l	100
3) Chloromethane	2.107	50	142122	76.528	ug/l	95
4) Vinyl Chloride	2.241	62	161921	77.912	ug/l	98
5) Bromomethane	2.631	94	127659	87.038	ug/l	96
6) Chloroethane	2.778	64	114576	82.403	ug/l	98
7) Trichlorofluoromethane	3.107	101	315671	92.663	ug/l	95
8) Diethyl Ether	3.515	74	105875	87.535	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.881	101	181568	85.966	ug/l	90
10) Methyl Iodide	4.076	142	269589	103.641	ug/l	90
11) Tert butyl alcohol	4.948	59	83988	200.642	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	181291	89.484	ug/l #	79
13) Acrolein	3.717	56	122166	1036.336	ug/l	99
14) Allyl chloride	4.460	41	253066	72.851	ug/l #	92
15) Acrylonitrile	5.149	53	245206	373.404	ug/l	99
16) Acetone	3.936	43	182270	330.083	ug/l #	89
17) Carbon Disulfide	4.180	76	543222	96.071	ug/l	99
18) Methyl Acetate	4.466	43	118198	61.747	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	494766	83.703	ug/l	95
20) Methylene Chloride	4.698	84	195677	53.000	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	198612	84.534	ug/l	85
22) Diisopropyl ether	6.106	45	509083	70.600	ug/l #	93
23) Vinyl Acetate	6.045	43	1694167	382.782	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	315982	76.144	ug/l	97
25) 2-Butanone	6.978	43	302470	344.652	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	280782	71.604	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	222493	81.651	ug/l	83
28) Bromochloromethane	7.326	49	110118	63.203	ug/l #	60
29) Tetrahydrofuran	7.338	42	205100	367.738	ug/l #	81
30) Chloroform	7.496	83	350693	81.385	ug/l	99
31) Cyclohexane	7.777	56	286433	73.935	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	326178	85.561	ug/l	94
36) 1,1-Dichloropropene	7.911	75	264748	90.077	ug/l	95
37) Ethyl Acetate	7.063	43	140645	80.437	ug/l #	93
38) Carbon Tetrachloride	7.893	117	310628	99.520	ug/l	98
39) Methylcyclohexane	9.173	83	336283	93.021	ug/l #	87
40) Benzene	8.149	78	765604	88.557	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	79429m	83.175	ug/l	
42) 1,2-Dichloroethane	8.228	62	227865	90.658	ug/l	91
43) Isopropyl Acetate	8.264	43	260902	81.438	ug/l #	88
44) Trichloroethene	8.935	130	239862	96.614	ug/l	93
45) 1,2-Dichloropropane	9.209	63	176347	80.697	ug/l	98
46) Dibromomethane	9.301	93	112567	88.322	ug/l	89
47) Bromodichloromethane	9.490	83	266162	88.261	ug/l	99
48) Methyl methacrylate	9.283	41	121766	86.291	ug/l #	84
49) 1,4-Dioxane	9.289	88	25315	1423.277	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	684092	407.985	ug/l	88
52) Toluene	10.240	92	498649	90.546	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	327617	104.659	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	310802	87.829	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	193711	108.542	ug/l	98
56) Ethyl methacrylate	10.508	69	270730	114.781	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	321843	105.720	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	260702	275.766	ug/l #	88
59) 2-Hexanone	10.831	43	633537	556.533	ug/l	89
60) Dibromochloromethane	10.983	129	244824	110.931	ug/l	100
61) 1,2-Dibromoethane	11.087	107	192067	109.361	ug/l	100
64) Tetrachloroethene	10.715	164	264981	86.386	ug/l	98
65) Chlorobenzene	11.514	112	637304	89.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	237991	89.966	ug/l	98
67) Ethyl Benzene	11.587	91	1110649	89.763	ug/l	98
68) m/p-Xylenes	11.703	106	876724	179.847	ug/l	92
69) o-Xylene	12.026	106	416306	90.009	ug/l	91
70) Styrene	12.044	104	706715	91.733	ug/l	96
71) Bromoform	12.203	173	160351	96.640	ug/l #	100
73) Isopropylbenzene	12.325	105	1092938	90.320	ug/l	99
74) N-amyl acetate	12.142	43	306296	95.798	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	214589	93.200	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	153511m	85.438	ug/l	
77) Bromobenzene	12.605	156	272341	91.403	ug/l	91
78) n-propylbenzene	12.666	91	1301176	89.604	ug/l	97
79) 2-Chlorotoluene	12.751	91	738657	89.845	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	937429	92.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	78633	92.929	ug/l #	85
82) 4-Chlorotoluene	12.849	91	783685	91.263	ug/l	97
83) tert-Butylbenzene	13.075	119	829457	93.992	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	921129	93.267	ug/l	97
85) sec-Butylbenzene	13.251	105	1212197	92.233	ug/l	98
86) p-Isopropyltoluene	13.367	119	996330	90.800	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	528000	91.652	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	519673	89.869	ug/l	98
89) n-Butylbenzene	13.696	91	912357	89.230	ug/l	97
90) Hexachloroethane	13.959	117	189802	89.522	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	471430	90.323	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36096	85.348	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	315849	97.550	ug/l	99
94) Hexachlorobutadiene	15.111	225	175139	99.277	ug/l	98
95) Naphthalene	15.233	128	683440	105.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	284242	101.698	ug/l	99

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

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