

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010230.D
 Acq On : 30 Aug 2022 20:34
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY083022

Quant Time: Aug 31 02:27:48 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

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	188311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86962	55.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.710	113	83365	53.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.720%			
50) Toluene-d8	10.173	98	316939	54.500	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.000%			
62) 4-Bromofluorobenzene	12.477	95	132097	60.975	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64965	47.306	ug/l	99
3) Chloromethane	2.107	50	64234	45.933	ug/l	97
4) Vinyl Chloride	2.241	62	77020	49.016	ug/l	96
5) Bromomethane	2.638	94	64306	50.454	ug/l	99
6) Chloroethane	2.778	64	56931	53.390	ug/l	98
7) Trichlorofluoromethane	3.113	101	164468	55.833	ug/l	96
8) Diethyl Ether	3.522	74	48507	50.587	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	82520	49.310	ug/l	87
10) Methyl Iodide	4.076	142	113455	48.213	ug/l	91
11) Tert butyl alcohol	4.948	59	37159	234.250	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	82781	49.212	ug/l	82
13) Acrolein	3.717	56	56059	269.573	ug/l	96
14) Allyl chloride	4.467	41	110077	47.939	ug/l #	93
15) Acrylonitrile	5.149	53	109605	250.193	ug/l	98
16) Acetone	3.936	43	79541	238.600	ug/l #	84
17) Carbon Disulfide	4.180	76	246440	48.689	ug/l	99
18) Methyl Acetate	4.467	43	52746	48.117	ug/l #	84
19) Methyl tert-butyl Ether	5.210	73	228552	52.377	ug/l	95
20) Methylene Chloride	4.704	84	94533	48.159	ug/l #	74
21) trans-1,2-Dichloroethene	5.210	96	92841	50.244	ug/l #	80
22) Diisopropyl ether	6.106	45	227209	49.158	ug/l #	91
23) Vinyl Acetate	6.045	43	747412	252.591	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	142303	49.147	ug/l	98
25) 2-Butanone	6.978	43	129511	225.573	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	127079	46.904	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	104137	49.576	ug/l	81
28) Bromochloromethane	7.326	49	50028	50.871	ug/l #	51
29) Tetrahydrofuran	7.338	42	88613	233.737	ug/l #	77
30) Chloroform	7.496	83	161140	49.145	ug/l	100
31) Cyclohexane	7.777	56	126585	44.693	ug/l	86
32) 1,1,1-Trichloroethane	7.692	97	151149	50.287	ug/l	93
36) 1,1-Dichloropropene	7.911	75	119813	50.523	ug/l	94
37) Ethyl Acetate	7.064	43	60453	48.367	ug/l #	91
38) Carbon Tetrachloride	7.893	117	146040	53.672	ug/l	99
39) Methylcyclohexane	9.179	83	150817	49.633	ug/l	87
40) Benzene	8.155	78	344233	49.158	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	34172m	48.393	ug/l	
42) 1,2-Dichloroethane	8.228	62	107909	52.132	ug/l	92
43) Isopropyl Acetate	8.265	43	114698	47.933	ug/l #	87
44) Trichloroethene	8.935	130	110540	51.155	ug/l	93
45) 1,2-Dichloropropane	9.210	63	78514	46.393	ug/l	91
46) Dibromomethane	9.301	93	51435	49.259	ug/l #	87
47) Bromodichloromethane	9.490	83	125227	51.802	ug/l	98
48) Methyl methacrylate	9.289	41	52400	49.165	ug/l #	82
49) 1,4-Dioxane	9.289	88	11655	1029.511	ug/l #	79
51) 4-Methyl-2-Pentanone	10.063	43	306841	240.597	ug/l #	87
52) Toluene	10.240	92	233078	51.008	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	130900	49.403	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	141016	49.553	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	78924	49.608	ug/l	94
56) Ethyl methacrylate	10.508	69	102602	49.591	ug/l #	78
57) 1,3-Dichloropropane	10.782	76	125472	47.836	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	113956	218.943	ug/l #	86
59) 2-Hexanone	10.825	43	215666	221.616	ug/l	87
60) Dibromochloromethane	10.984	129	100959	50.652	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76528	48.772	ug/l	100
64) Tetrachloroethene	10.715	164	118246	47.936	ug/l	98
65) Chlorobenzene	11.514	112	304931	51.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	113590	51.109	ug/l	98
67) Ethyl Benzene	11.587	91	505683	50.334	ug/l	97
68) m/p-Xylenes	11.697	106	422010	105.309	ug/l	92
69) o-Xylene	12.026	106	202119	54.197	ug/l	91
70) Styrene	12.044	104	348967	55.810	ug/l	95
71) Bromoform	12.203	173	80268	54.636	ug/l #	99
73) Isopropylbenzene	12.325	105	529203	50.378	ug/l	98
74) N-amyl acetate	12.142	43	139737	51.098	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	101640	47.728	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	77541m	50.754	ug/l	
77) Bromobenzene	12.605	156	141491	52.707	ug/l	89
78) n-propylbenzene	12.666	91	633807	50.870	ug/l	96
79) 2-Chlorotoluene	12.752	91	360365	50.140	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	438196	49.106	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	35937	49.075	ug/l	86
82) 4-Chlorotoluene	12.849	91	359397	47.664	ug/l	96
83) tert-Butylbenzene	13.075	119	400671	50.771	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	440862	50.305	ug/l	97
85) sec-Butylbenzene	13.252	105	570873	49.178	ug/l	98
86) p-Isopropyltoluene	13.367	119	483716	50.278	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	257764	48.586	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	264120	49.412	ug/l	98
89) n-Butylbenzene	13.690	91	442492	49.680	ug/l	97
90) Hexachloroethane	13.959	117	96490	49.774	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	234289	48.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18404	49.716	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	161845	51.406	ug/l	99
94) Hexachlorobutadiene	15.111	225	93103	49.926	ug/l	99
95) Naphthalene	15.233	128	329326	53.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	143255	51.280	ug/l	99

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

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