

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010227.D
 Acq On : 30 Aug 2022 19:01
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 01:33:32 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	290870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	91546	42.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.980%		
35) Dibromofluoromethane	7.710	113	88701	47.598	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.200%		
50) Toluene-d8	10.173	98	336817	46.922	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.840%		
62) 4-Bromofluorobenzene	12.477	95	116581	46.143	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68188	46.002	ug/l	96
3) Chloromethane	2.107	50	70839	40.357	ug/l	96
4) Vinyl Chloride	2.241	62	84232	42.881	ug/l	99
5) Bromomethane	2.638	94	62033	44.747	ug/l	95
6) Chloroethane	2.778	64	56800	43.220	ug/l	99
7) Trichlorofluoromethane	3.107	101	157808	49.010	ug/l	94
8) Diethyl Ether	3.515	74	49514	43.312	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.881	101	87956	44.060	ug/l	90
10) Methyl Iodide	4.076	142	125110	50.888	ug/l	90
11) Tert butyl alcohol	4.954	59	38869	98.242	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	87662	45.779	ug/l #	74
13) Acrolein	3.717	56	58032	520.842	ug/l	99
14) Allyl chloride	4.466	41	118695	36.151	ug/l #	92
15) Acrylonitrile	5.149	53	114395	184.307	ug/l	98
16) Acetone	3.936	43	86073	164.916	ug/l #	87
17) Carbon Disulfide	4.180	76	260314	48.708	ug/l	99
18) Methyl Acetate	4.466	43	56843	31.417	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	234886	42.042	ug/l	93
20) Methylene Chloride	4.698	84	97907	28.057	ug/l #	77
21) trans-1,2-Dichloroethene	5.204	96	97787	44.035	ug/l #	82
22) Diisopropyl ether	6.106	45	245751	36.058	ug/l #	91
23) Vinyl Acetate	6.045	43	803227	192.009	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	151788	38.699	ug/l	96
25) 2-Butanone	6.978	43	138146	166.542	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	138858	37.465	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	109059	42.344	ug/l	82
28) Bromochloromethane	7.320	49	53688	32.602	ug/l #	56
29) Tetrahydrofuran	7.338	42	96554	183.160	ug/l #	80
30) Chloroform	7.496	83	168776	41.440	ug/l	99
31) Cyclohexane	7.777	56	139176	38.008	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	159544	44.278	ug/l	93
36) 1,1-Dichloropropene	7.911	75	127812	45.360	ug/l	95
37) Ethyl Acetate	7.064	43	65349	38.984	ug/l #	91
38) Carbon Tetrachloride	7.893	117	150172	50.185	ug/l	100
39) Methylcyclohexane	9.179	83	160989	46.450	ug/l #	86
40) Benzene	8.155	78	371633	44.838	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	36940m	40.348	ug/l	
42) 1,2-Dichloroethane	8.228	62	112551	46.708	ug/l	91
43) Isopropyl Acetate	8.265	43	121874	39.680	ug/l #	88
44) Trichloroethene	8.935	130	116511	48.951	ug/l	94
45) 1,2-Dichloropropane	9.210	63	84231	40.205	ug/l	96
46) Dibromomethane	9.301	93	55257	45.223	ug/l	88
47) Bromodichloromethane	9.490	83	130260	45.055	ug/l	98
48) Methyl methacrylate	9.289	41	56210	41.549	ug/l #	82
49) 1,4-Dioxane	9.289	88	12007	704.141	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	328593	204.410	ug/l	89
52) Toluene	10.240	92	244363	46.283	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	135038	44.997	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	149306	44.009	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	78846	46.083	ug/l	95
56) Ethyl methacrylate	10.508	69	104830	46.359	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	128240	43.939	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	125279	138.226	ug/l #	89
59) 2-Hexanone	10.831	43	231619	212.230	ug/l	87
60) Dibromochloromethane	10.977	129	103743	49.031	ug/l	99
61) 1,2-Dibromoethane	11.087	107	78300	46.504	ug/l	99
64) Tetrachloroethene	10.715	164	117581	46.633	ug/l	96
65) Chlorobenzene	11.514	112	270090	45.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106418	48.939	ug/l	98
67) Ethyl Benzene	11.587	91	465655	45.783	ug/l	97
68) m/p-Xylenes	11.697	106	372960	93.073	ug/l	92
69) o-Xylene	12.026	106	178485	46.946	ug/l	90
70) Styrene	12.038	104	301947	47.680	ug/l	95
71) Bromoform	12.203	173	72154	52.901	ug/l #	99
73) Isopropylbenzene	12.325	105	471111	44.317	ug/l	99
74) N-amyl acetate	12.142	43	110441	39.319	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	87105	43.063	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	63361m	40.141	ug/l	
77) Bromobenzene	12.605	156	123223	47.076	ug/l	83
78) n-propylbenzene	12.666	91	551117	43.201	ug/l	96
79) 2-Chlorotoluene	12.752	91	320694	44.401	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	402958	45.381	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	30919	41.594	ug/l	86
82) 4-Chlorotoluene	12.855	91	331536	43.948	ug/l	95
83) tert-Butylbenzene	13.075	119	358378	46.227	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	393327	45.333	ug/l	97
85) sec-Butylbenzene	13.251	105	511938	44.339	ug/l	97
86) p-Isopropyltoluene	13.367	119	441119	45.761	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	233374	46.112	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	235291	46.317	ug/l	97
89) n-Butylbenzene	13.697	91	408979	45.530	ug/l	98
90) Hexachloroethane	13.959	117	94819	50.907	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	224130	48.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18095	48.702	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	154102	54.176	ug/l	99
94) Hexachlorobutadiene	15.111	225	88470	57.085	ug/l	98
95) Naphthalene	15.233	128	315067	55.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	136865	55.741	ug/l	100

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

