

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009474.D
 Acq On : 07 Jul 2022 16:52
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 01:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	266911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37344	24.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	48.740%#		
35) Dibromofluoromethane	7.710	113	34812	22.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.940%#		
50) Toluene-d8	10.173	98	138398	26.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	53.160%#		
62) 4-Bromofluorobenzene	12.477	95	49156	22.979	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	45.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24872	18.094	ug/l	98
3) Chloromethane	2.107	50	28362	18.477	ug/l	97
4) Vinyl Chloride	2.241	62	31379	17.955	ug/l	98
5) Bromomethane	2.619	94	25957	20.673	ug/l	91
6) Chloroethane	2.772	64	18882	18.505	ug/l	100
7) Trichlorofluoromethane	3.107	101	44866	19.228	ug/l	96
8) Diethyl Ether	3.515	74	17808	19.948	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	30367	19.208	ug/l	98
10) Methyl Iodide	4.076	142	26339	14.041	ug/l	88
11) Tert butyl alcohol	4.942	59	33118	120.000	ug/l	96
12) 1,1-Dichloroethene	3.857	96	26818	18.289	ug/l	86
13) Acrolein	3.723	56	7913	70.309	ug/l	97
14) Allyl chloride	4.466	41	49316	19.547	ug/l	95
15) Acrylonitrile	5.155	53	51227	104.289	ug/l	96
16) Acetone	3.936	43	40948	93.909	ug/l	92
17) Carbon Disulfide	4.180	76	61584	14.922	ug/l	100
18) Methyl Acetate	4.466	43	27223	21.264	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	89712	20.214	ug/l	97
20) Methylene Chloride	4.704	84	50673	20.645	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	31650	18.421	ug/l	85
22) Diisopropyl ether	6.106	45	117787	21.960	ug/l	94
23) Vinyl Acetate	6.051	43	366134	106.763	ug/l	97
24) 1,1-Dichloroethane	6.003	63	60478	19.995	ug/l #	97
25) 2-Butanone	6.978	43	70478	99.916	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	57158	19.173	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	40093	19.821	ug/l	91
28) Bromochloromethane	7.320	49	24869	19.562	ug/l	89
29) Tetrahydrofuran	7.338	42	46713	102.388	ug/l	93
30) Chloroform	7.496	83	64503	19.485	ug/l	96
31) Cyclohexane	7.777	56	52180	17.744	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	55965	19.176	ug/l	97
36) 1,1-Dichloropropene	7.911	75	45745	18.542	ug/l	96
37) Ethyl Acetate	7.064	43	31278	20.225	ug/l #	95
38) Carbon Tetrachloride	7.893	117	50240	19.041	ug/l	97
39) Methylcyclohexane	9.179	83	52841	17.843	ug/l	93
40) Benzene	8.155	78	138789	19.157	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16945	11.782	ug/l #	44
42) 1,2-Dichloroethane	8.228	62	43146	19.837	ug/l	94
43) Isopropyl Acetate	8.265	43	59223	20.524	ug/l #	95
44) Trichloroethene	8.929	130	39422	19.262	ug/l	96
45) 1,2-Dichloropropane	9.209	63	36868	20.109	ug/l	100
46) Dibromomethane	9.295	93	21601	20.074	ug/l	96
47) Bromodichloromethane	9.490	83	51051	19.932	ug/l	96
48) Methyl methacrylate	9.289	41	25692	20.666	ug/l	91
49) 1,4-Dioxane	9.295	88	6560	413.957	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	159312	104.985	ug/l	95
52) Toluene	10.240	92	90595	19.624	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	52898	19.599	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	58946	19.586	ug/l	90
55) 1,1,2-Trichloroethane	10.636	97	31830	20.504	ug/l	97
56) Ethyl methacrylate	10.502	69	41997	20.377	ug/l	87
57) 1,3-Dichloropropane	10.782	76	52392	20.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	99212	98.540	ug/l	96
59) 2-Hexanone	10.825	43	110271	104.870	ug/l	92
60) Dibromochloromethane	10.977	129	37463	19.928	ug/l	100
61) 1,2-Dibromoethane	11.081	107	30079	20.211	ug/l	99
64) Tetrachloroethene	10.715	164	42121	18.875	ug/l	97
65) Chlorobenzene	11.514	112	104083	19.855	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.581	131	39103	19.830	ug/l	97
67) Ethyl Benzene	11.587	91	181371	19.818	ug/l	99
68) m/p-Xylenes	11.697	106	140774	39.442	ug/l	93
69) o-Xylene	12.026	106	68766	20.100	ug/l	90
70) Styrene	12.038	104	115847	20.273	ug/l	96
71) Bromoform	12.203	173	25266	20.103	ug/l #	99
73) Isopropylbenzene	12.325	105	179334	18.557	ug/l	98
74) N-amyl acetate	12.136	43	54563	19.844	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	37142	19.195	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31765m	12.745	ug/l	
77) Bromobenzene	12.605	156	43829	18.629	ug/l	97
78) n-propylbenzene	12.666	91	220599	18.894	ug/l	97
79) 2-Chlorotoluene	12.752	91	124677	19.074	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	153969	19.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13040	17.841	ug/l	90
82) 4-Chlorotoluene	12.849	91	131120	19.141	ug/l	96
83) tert-Butylbenzene	13.069	119	137210	19.092	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	152840	19.009	ug/l	96
85) sec-Butylbenzene	13.245	105	205900	19.454	ug/l	98
86) p-Isopropyltoluene	13.367	119	170940	19.376	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	91396	19.680	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	89397	19.020	ug/l	99
89) n-Butylbenzene	13.690	91	160106	19.434	ug/l	98
90) Hexachloroethane	13.959	117	32283	18.650	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	83147	19.541	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6812	20.085	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	49184	18.953	ug/l	99
94) Hexachlorobutadiene	15.111	225	28031	19.647	ug/l	99
95) Naphthalene	15.233	128	104933	19.557	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43901	19.532	ug/l	99

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

