

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010029.D
 Acq On : 15 Aug 2022 16:03
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:25:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	152024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5941	5.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.480%#
35) Dibromofluoromethane	7.710	113	5407	5.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.620%#
50) Toluene-d8	10.179	98	19433	5.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.880%#
62) 4-Bromofluorobenzene	12.477	95	6822	5.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	5580	6.134	ug/l	90
3) Chloromethane	2.107	50	7540	9.982	ug/l	96
4) Vinyl Chloride	2.241	62	8909	10.621	ug/l	97
5) Bromomethane	2.643	94	7263	4.210	ug/l	98
6) Chloroethane	2.784	64	6086	10.876	ug/l	96
7) Trichlorofluoromethane	3.113	101	10380	5.872	ug/l	95
8) Diethyl Ether	3.521	74	2565	4.039	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	5252	4.770	ug/l	96
10) Methyl Iodide	4.076	142	5147	3.886	ug/l	99
11) Tert butyl alcohol	4.936	59	2910	25.009	ug/l #	74
12) 1,1-Dichloroethene	3.863	96	4669	4.392	ug/l #	86
13) Acrolein	3.729	56	1589	13.039	ug/l	100
14) Allyl chloride	4.472	41	6474	4.336	ug/l	99
15) Acrylonitrile	5.155	53	5821	19.265	ug/l	96
16) Acetone	3.936	43	7095	29.337	ug/l #	89
17) Carbon Disulfide	4.180	76	14528	4.251	ug/l	100
18) Methyl Acetate	4.466	43	3193	3.540	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	12265	4.698	ug/l	100
20) Methylene Chloride	4.698	84	10812	4.659	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	5450	4.593	ug/l	98
22) Diisopropyl ether	6.100	45	11612	3.801	ug/l #	87
23) Vinyl Acetate	6.051	43	36172	19.196	ug/l #	92
24) 1,1-Dichloroethane	5.996	63	8851	4.591	ug/l	95
25) 2-Butanone	6.978	43	8438	22.339	ug/l	98
26) 2,2-Dichloropropane	6.972	77	10222	5.863	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	6212	4.864	ug/l	96
28) Bromochloromethane	7.319	49	3194	4.146	ug/l #	81
29) Tetrahydrofuran	7.338	42	4197	17.678	ug/l #	89
30) Chloroform	7.496	83	11389	5.664	ug/l	98
31) Cyclohexane	7.777	56	8591	4.755	ug/l #	71
32) 1,1,1-Trichloroethane	7.691	97	9372	5.390	ug/l	98
36) 1,1-Dichloropropene	7.905	75	7625	5.489	ug/l	97
37) Ethyl Acetate	7.063	43	3524	4.716	ug/l #	91
38) Carbon Tetrachloride	7.892	117	9596	6.705	ug/l	93
39) Methylcyclohexane	9.179	83	8166	4.938	ug/l	95
40) Benzene	8.149	78	23141	5.568	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	1576m	3.971	ug/l	
42) 1,2-Dichloroethane	8.228	62	7122	6.431	ug/l	98
43) Isopropyl Acetate	8.264	43	6328	4.845	ug/l	92
44) Trichloroethene	8.935	130	6873	6.009	ug/l	93
45) 1,2-Dichloropropane	9.209	63	5308	5.335	ug/l	97
46) Dibromomethane	9.295	93	3281	5.449	ug/l	98
47) Bromodichloromethane	9.490	83	8019	5.899	ug/l	99
48) Methyl methacrylate	9.289	41	2673	4.663	ug/l	92
49) 1,4-Dioxane	9.307	88	604m	134.383	ug/l	
51) 4-Methyl-2-Pentanone	10.063	43	17794	25.097	ug/l	98
52) Toluene	10.240	92	13872	5.442	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	7606	5.498	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	7885	4.974	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	4712	5.492	ug/l	95
56) Ethyl methacrylate	10.508	69	4524	4.311	ug/l	99
57) 1,3-Dichloropropane	10.788	76	7402	5.332	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	8819	19.163	ug/l	98
59) 2-Hexanone	10.831	43	11804	24.161	ug/l	98
60) Dibromochloromethane	10.983	129	6010	6.028	ug/l	100
61) 1,2-Dibromoethane	11.087	107	4442	5.398	ug/l	99
64) Tetrachloroethene	10.715	164	6953	6.667	ug/l	96
65) Chlorobenzene	11.514	112	16135	5.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	6573	6.386	ug/l	99
67) Ethyl Benzene	11.593	91	25936	5.388	ug/l	96
68) m/p-Xylenes	11.697	106	19897	10.615	ug/l	99
69) o-Xylene	12.026	106	9542	5.369	ug/l	96
70) Styrene	12.044	104	15420	5.096	ug/l	97
71) Bromoform	12.203	173	4010	6.160	ug/l #	99
73) Isopropylbenzene	12.331	105	24104	4.895	ug/l	98
74) N-amyl acetate	12.142	43	5235	4.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	5288	4.765	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	4722m	5.664	ug/l	
77) Bromobenzene	12.605	156	6871	5.739	ug/l	92
78) n-propylbenzene	12.672	91	28934	4.697	ug/l	96
79) 2-Chlorotoluene	12.757	91	17059	4.903	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	20444	5.065	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	1629	4.268	ug/l	89
82) 4-Chlorotoluene	12.855	91	17846	4.908	ug/l	98
83) tert-Butylbenzene	13.074	119	18456	5.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	19308	4.752	ug/l	96
85) sec-Butylbenzene	13.251	105	26888	4.934	ug/l	96
86) p-Isopropyltoluene	13.367	119	22019	5.077	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	13989	5.865	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	14613	5.924	ug/l	95
89) n-Butylbenzene	13.696	91	20068	4.853	ug/l	98
90) Hexachloroethane	13.958	117	5195	5.678	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	12549	5.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	914	5.119	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	7059	5.788	ug/l	98
94) Hexachlorobutadiene	15.111	225	5046	7.152	ug/l	97
95) Naphthalene	15.239	128	11002	7.633	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6523	6.058	ug/l	95

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

