

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009693.D
 Acq On : 26 Jul 2022 11:18
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 02:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	235699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	365500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10132	5.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.180%#
35) Dibromofluoromethane	7.710	113	9865	4.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.900%#
50) Toluene-d8	10.179	98	34627	5.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	10.420%#
62) 4-Bromofluorobenzene	12.477	95	12277	4.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	9.280%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	12525	6.082	ug/l	98
3) Chloromethane	2.107	50	11814	4.552	ug/l	# 88
4) Vinyl Chloride	2.241	62	13276	4.632	ug/l	98
5) Bromomethane	2.644	94	10781	5.474	ug/l	96
6) Chloroethane	2.784	64	8089	4.709	ug/l	97
7) Trichlorofluoromethane	3.113	101	18954	5.024	ug/l	94
8) Diethyl Ether	3.515	74	5984	4.873	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	10635	4.978	ug/l	96
10) Methyl Iodide	4.082	142	10001	3.551	ug/l	# 85
11) Tert butyl alcohol	4.936	59	8845	35.239	ug/l	98
12) 1,1-Dichloroethene	3.863	96	9310	4.629	ug/l	82
13) Acrolein	3.723	56	1213	29.391	ug/l	97
14) Allyl chloride	4.466	41	14742	4.666	ug/l	# 91
15) Acrylonitrile	5.155	53	13756	22.942	ug/l	99
16) Acetone	3.936	43	15979	28.259	ug/l	90
17) Carbon Disulfide	4.180	76	24015	3.883	ug/l	96
18) Methyl Acetate	4.466	43	13208	7.964	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	24982	4.508	ug/l	98
20) Methylene Chloride	4.704	84	26660	6.961	ug/l	# 84
21) trans-1,2-Dichloroethene	5.204	96	10294	4.375	ug/l	# 78
22) Diisopropyl ether	6.106	45	30125	4.447	ug/l	94
23) Vinyl Acetate	6.045	43	71563	17.107	ug/l	97
24) 1,1-Dichloroethane	6.003	63	18833	4.822	ug/l	99
25) 2-Butanone	6.978	43	21216	25.366	ug/l	# 87
26) 2,2-Dichloropropane	6.972	77	21437	5.771	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	12378	4.720	ug/l	97
28) Bromochloromethane	7.319	49	7317	5.154	ug/l	# 77
29) Tetrahydrofuran	7.344	42	11879	22.382	ug/l	# 89
30) Chloroform	7.496	83	20461	5.015	ug/l	95
31) Cyclohexane	7.771	56	19252	5.151	ug/l	# 87
32) 1,1,1-Trichloroethane	7.691	97	17826	4.845	ug/l	97
36) 1,1-Dichloropropene	7.911	75	13901	4.249	ug/l	92
37) Ethyl Acetate	7.063	43	10185	5.294	ug/l	# 87
38) Carbon Tetrachloride	7.893	117	16125	4.654	ug/l	99
39) Methylcyclohexane	9.179	83	16824	4.222	ug/l	91
40) Benzene	8.155	78	44490	4.637	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	4743m	4.803	ug/l	
42) 1,2-Dichloroethane	8.228	62	12732	4.767	ug/l	92
43) Isopropyl Acetate	8.264	43	15053	4.459	ug/l #	92
44) Trichloroethene	8.935	130	12848	4.676	ug/l	93
45) 1,2-Dichloropropane	9.209	63	11088	4.751	ug/l	97
46) Dibromomethane	9.301	93	6135	4.369	ug/l	89
47) Bromodichloromethane	9.490	83	14922	4.659	ug/l	96
48) Methyl methacrylate	9.289	41	6105	4.114	ug/l #	87
49) 1,4-Dioxane	9.301	88	1517	83.114	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	39448	22.895	ug/l	92
52) Toluene	10.240	92	27656	4.617	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	15020	4.561	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	17321	4.567	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	9622	4.898	ug/l	96
56) Ethyl methacrylate	10.508	69	9996	4.068	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	14634	4.555	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	23474	21.919	ug/l	93
59) 2-Hexanone	10.831	43	24979	20.386	ug/l	91
60) Dibromochloromethane	10.977	129	10903	4.594	ug/l	97
61) 1,2-Dibromoethane	11.087	107	8751	4.575	ug/l	98
64) Tetrachloroethene	10.715	164	12907	5.018	ug/l	92
65) Chlorobenzene	11.514	112	32468	4.945	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	11824	4.845	ug/l	99
67) Ethyl Benzene	11.587	91	51138	4.500	ug/l	98
68) m/p-Xylenes	11.703	106	37989	8.366	ug/l	90
69) o-Xylene	12.026	106	17221	4.040	ug/l	90
70) Styrene	12.044	104	28249	3.946	ug/l	95
71) Bromoform	12.209	173	7084	4.526	ug/l #	100
73) Isopropylbenzene	12.331	105	48305	4.416	ug/l	100
74) N-amyl acetate	12.142	43	10393	3.580	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	9878	4.520	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	7252m	4.593	ug/l	
77) Bromobenzene	12.605	156	12514	4.576	ug/l	86
78) n-propylbenzene	12.672	91	55926	4.292	ug/l	97
79) 2-Chlorotoluene	12.751	91	33557	4.572	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	39576	4.374	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	3291	4.239	ug/l #	83
82) 4-Chlorotoluene	12.855	91	34673	4.510	ug/l	96
83) tert-Butylbenzene	13.075	119	38395	4.820	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	41882	4.684	ug/l	97
85) sec-Butylbenzene	13.251	105	58476	5.017	ug/l	100
86) p-Isopropyltoluene	13.367	119	47269	4.775	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	28093	5.219	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	28360	5.235	ug/l	97
89) n-Butylbenzene	13.696	91	44465	4.913	ug/l	98
90) Hexachloroethane	13.959	117	10262	5.293	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	24653	5.105	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1856	5.199	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	15059	4.937	ug/l	98
94) Hexachlorobutadiene	15.111	225	10049	5.487	ug/l	100
95) Naphthalene	15.233	128	25775	4.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14232	5.386	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

