

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : ICC005.D
 Acq On : 09 Jun 2022 09:28
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Quant Time: Jun 09 11:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 11:54:04 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	339767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	597266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	572914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	275470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	19149	5.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.24%#
35) Dibromofluoromethane	7.91	113	19321	4.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.84%#
50) Toluene-d8	10.33	98	68691	4.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.42%#
62) 4-Bromofluorobenzene	12.62	95	27932	5.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.84%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	17126	5.024	ug/l 95
3) Chloromethane	2.21	50	15873	4.171	ug/l 90
4) Vinyl Chloride	2.34	62	15183	4.362	ug/l 99
5) Bromomethane	2.76	94	13289	5.283	ug/l 90
6) Chloroethane	2.91	64	10506	4.894	ug/l 91
7) Trichlorofluoromethane	3.26	101	30953	4.947	ug/l 87
8) Diethyl Ether	3.70	74	8739	5.112	ug/l 84
9) 1,1,2-Trichlorotrifluoroet	4.09	101	18390	4.931	ug/l 93
10) Methyl Iodide	4.30	142	12888	3.237	ug/l 98
11) Tert butyl alcohol	5.18	59	63472	104.995	ug/l # 76
12) 1,1-Dichloroethene	4.06	96	15314	4.477	ug/l 85
13) Acrolein	3.92	56	4234	16.865	ug/l 100
14) Allyl chloride	4.71	41	22540	4.155	ug/l # 91
15) Acrylonitrile	5.43	53	20835	26.695	ug/l # 77
16) Acetone	4.15	43	22156	33.896	ug/l 94
17) Carbon Disulfide	4.40	76	45117	3.975	ug/l # 93
18) Methyl Acetate	4.71	43	14828	8.258	ug/l # 88
19) Methyl tert-butyl Ether	5.47	73	37751	4.824	ug/l 99
20) Methylene Chloride	4.96	84	29016	5.954	ug/l 85
21) trans-1,2-Dichloroethene	5.47	96	18834	4.545	ug/l # 82
22) Diisopropyl ether	6.36	45	48943	4.277	ug/l 93
23) Vinyl Acetate	6.30	43	113769	18.537	ug/l # 90
24) 1,1-Dichloroethane	6.25	63	34502	4.673	ug/l # 91
25) 2-Butanone	7.20	43	26478	27.854	ug/l 95
26) 2,2-Dichloropropane	7.20	77	33464	5.283	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	21583	4.733	ug/l 97
28) Bromochloromethane	7.54	49	14293	5.552	ug/l # 77
29) Tetrahydrofuran	7.56	42	14773	23.942	ug/l # 91
30) Chloroform	7.70	83	38034	4.921	ug/l 97
31) Cyclohexane	7.98	56	30959	4.710	ug/l # 81
32) 1,1,1-Trichloroethane	7.89	97	31817	4.680	ug/l 97
36) 1,1-Dichloropropene	8.10	75	25762	4.314	ug/l 98
37) Ethyl Acetate	7.28	43	12471	5.273	ug/l 95
38) Carbon Tetrachloride	8.09	117	29007	4.790	ug/l 93
39) Methylcyclohexane	9.34	83	30199	4.500	ug/l 92
40) Benzene	8.34	78	80913	4.698	ug/l 97
41) Methacrylonitrile	7.51	41	6546	4.674	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.41	62	22951	4.813	ug/l	93
43) Isopropyl Acetate	8.44	43	22095	5.078	ug/l #	91
44) Trichloroethene	9.10	130	22323	4.840	ug/l	99
45) 1,2-Dichloropropane	9.38	63	21023	4.891	ug/l	94
46) Dibromomethane	9.47	93	11023	4.657	ug/l	96
47) Bromodichloromethane	9.65	83	28331	4.669	ug/l #	96
48) Methyl methacrylate	9.44	41	8856	4.036	ug/l #	72
49) 1,4-Dioxane	9.46	88	2574	103.252	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	53320	23.628	ug/l	96
52) Toluene	10.39	92	48110	4.425	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	25172	4.559	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	30099	4.594	ug/l #	80
55) 1,1,2-Trichloroethane	10.78	97	17947	5.554	ug/l #	83
56) Ethyl methacrylate	10.65	69	16427	4.587	ug/l	89
57) 1,3-Dichloropropane	10.94	76	26046	4.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	36429	24.910	ug/l	94
59) 2-Hexanone	10.97	43	36230	24.298	ug/l	97
60) Dibromochloromethane	11.13	129	21014	5.199	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15206	4.908	ug/l	97
64) Tetrachloroethene	10.87	164	21085	5.510	ug/l	97
65) Chlorobenzene	11.66	112	56337	4.745	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	21338	4.835	ug/l	97
67) Ethyl Benzene	11.73	91	92226	4.429	ug/l	99
68) m/p-Xylenes	11.84	106	68454	8.480	ug/l	98
69) o-Xylene	12.17	106	31346	4.214	ug/l	94
70) Styrene	12.18	104	51144	3.996	ug/l	97
71) Bromoform	12.35	173	12127	5.314	ug/l #	93
73) Isopropylbenzene	12.47	105	81606	4.147	ug/l	99
74) N-amyl acetate	12.28	43	19507	4.578	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	17732	4.897	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	22677	8.427	ug/l #	100
77) Bromobenzene	12.74	156	22354	4.806	ug/l	91
78) n-propylbenzene	12.81	91	102245	4.146	ug/l	100
79) 2-Chlorotoluene	12.90	91	62414	4.378	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	69839	4.181	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	5260	4.674	ug/l	88
82) 4-Chlorotoluene	12.99	91	66507	4.456	ug/l	99
83) tert-Butylbenzene	13.21	119	55596	3.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	68382	4.129	ug/l	98
85) sec-Butylbenzene	13.39	105	86217	4.004	ug/l	97
86) p-Isopropyltoluene	13.50	119	71001	4.037	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	46732	4.972	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	48894	5.147	ug/l	98
89) n-Butylbenzene	13.83	91	66650	3.990	ug/l	97
90) Hexachloroethane	14.10	117	16662	4.591	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	42190	5.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	3159	5.672	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	21975	4.736	ug/l	98
94) Hexachlorobutadiene	15.25	225	12205	4.617	ug/l	97
95) Naphthalene	15.38	128	33871	4.132	ug/l	96
96) 1,2,3-Trichlorobenzene	15.57	180	18465	4.489	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

#1
Pentafluorobenzene
Concen: 50.000 ug/l

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ECD_Q
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