

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022082.D
 Acq On : 19 May 2021 12:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:02 PM

Quant Time: May 19 12:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 12:45:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	92376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	163928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65375	44.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.00%		
35) Dibromofluoromethane	5.391	113	52562	43.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.94%		
50) Toluene-d8	8.653	98	201691	44.27	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.54%#		
62) 4-Bromofluorobenzene	11.085	95	74943	42.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58649	48.56	ug/l	99
3) Chloromethane	1.295	50	62574	43.73	ug/l	97
4) Vinyl Chloride	1.374	62	66676	40.76	ug/l	99
5) Bromomethane	1.612	94	35628	55.32	ug/l	95
6) Chloroethane	1.685	64	40463	47.05	ug/l	99
7) Trichlorofluoromethane	1.886	101	94891	41.96	ug/l	97
8) Diethyl Ether	2.136	74	39266	41.16	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	55323	46.87	ug/l	93
10) Methyl Iodide	2.453	142	62054	45.72	ug/l	96
11) Tert butyl alcohol	2.989	59	79916	203.49	ug/l	100
12) 1,1-Dichloroethene	2.319	96	54073	43.76	ug/l	96
13) Acrolein	2.240	56	50399	238.41	ug/l	98
14) Allyl chloride	2.666	41	99516	44.06	ug/l	97
15) Acrylonitrile	3.069	53	164999	220.60	ug/l	99
16) Acetone	2.392	43	149908	222.57	ug/l	100
17) Carbon Disulfide	2.514	76	134403	39.89	ug/l	97
18) Methyl Acetate	2.709	43	81166	43.66	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	186400	46.83	ug/l	98
20) Methylene Chloride	2.794	84	64563	40.22	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	60204	45.67	ug/l	97
22) Diisopropyl ether	3.770	45	190235	45.16	ug/l	93
23) Vinyl Acetate	3.727	43	927925	225.05	ug/l	96
24) 1,1-Dichloroethane	3.617	63	112158	46.09	ug/l	98
25) 2-Butanone	4.568	43	257011	223.34	ug/l	96
26) 2,2-Dichloropropane	4.477	77	98579	45.30	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	73058	46.64	ug/l	97
28) Bromochloromethane	4.910	49	52170	46.97	ug/l	85
29) Tetrahydrofuran	5.013	42	149750	219.78	ug/l	93
30) Chloroform	5.105	83	115399	46.42	ug/l	96
31) Cyclohexane	5.483	56	89654	45.36	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	99182	45.53	ug/l	98
36) 1,1-Dichloropropene	5.702	75	84595	45.24	ug/l	99
37) Ethyl Acetate	4.721	43	99408	44.42	ug/l	96
38) Carbon Tetrachloride	5.690	117	86352	46.31	ug/l	96
39) Methylcyclohexane	7.385	83	93277	44.71	ug/l	98
40) Benzene	6.044	78	258305	46.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	54311	44.74	ug/l	95
42) 1,2-Dichloroethane	6.099	62	90450	46.92	ug/l	99
43) Isopropyl Acetate	6.349	43	166615	44.03	ug/l	96
44) Trichloroethene	7.129	130	64424	47.11	ug/l	96
45) 1,2-Dichloropropane	7.434	63	68857	46.70	ug/l	98
46) Dibromomethane	7.586	93	46383	46.35	ug/l #	87
47) Bromodichloromethane	7.824	83	93210	46.41	ug/l	98
48) Methyl methacrylate	7.696	41	78011	44.76	ug/l	93
49) 1,4-Dioxane	7.684	88	30949	849.12	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	518072	220.67	ug/l	92
52) Toluene	8.726	92	164846	46.07	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	105340	45.21	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	112740	46.13	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	67179	46.79	ug/l	98
56) Ethyl methacrylate	9.122	69	111928	44.55	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	114433	46.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	285647	232.53	ug/l	98
59) 2-Hexanone	9.433	43	391749	217.65	ug/l	92
60) Dibromochloromethane	9.525	129	67968	44.25	ug/l	100
61) 1,2-Dibromoethane	9.616	107	68650	46.02	ug/l	100
64) Tetrachloroethene	9.275	164	54918	51.34	ug/l #	88
65) Chlorobenzene	10.086	112	174107	46.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	62640	45.38	ug/l	97
67) Ethyl Benzene	10.195	91	318882	46.14	ug/l	100
68) m/p-Xylenes	10.305	106	238308	90.69	ug/l	99
69) o-Xylene	10.647	106	117102	44.45	ug/l	100
70) Styrene	10.659	104	197846	45.56	ug/l	99
71) Bromoform	10.805	173	45051	43.52	ug/l #	97
73) Isopropylbenzene	10.964	105	308436	46.88	ug/l	99
74) N-amyl acetate	10.848	43	149629	43.06	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	102649	42.52	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93851m	45.76	ug/l	
77) Bromobenzene	11.201	156	66652	47.05	ug/l	89
78) n-propylbenzene	11.305	91	366964	47.15	ug/l	99
79) 2-Chlorotoluene	11.366	91	216183	45.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	261363	46.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	39559	45.04	ug/l	94
82) 4-Chlorotoluene	11.457	91	247960	45.76	ug/l	98
83) tert-Butylbenzene	11.720	119	249191	45.72	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	264141	46.78	ug/l	99
85) sec-Butylbenzene	11.896	105	320948	47.75	ug/l	98
86) p-Isopropyltoluene	12.012	119	268139	47.01	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	127474	47.56	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	127578	46.22	ug/l	96
89) n-Butylbenzene	12.335	91	253714	48.30	ug/l	98
90) Hexachloroethane	12.543	117	46305	44.96	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	123334	46.86	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22357	38.62	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	73512	46.26	ug/l	97
94) Hexachlorobutadiene	13.731	225	28924	46.74	ug/l	99
95) Naphthalene	13.780	128	295300	45.79	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74572	46.40	ug/l	98

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

