

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022863.D
 Acq On : 24 Jun 2021 00:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:17 PM

Quant Time: Jun 24 03:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68043	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60037	48.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.24%		
35) Dibromofluoromethane	5.397	113	43046	50.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.22%		
50) Toluene-d8	8.653	98	163730	48.63	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.26%		
62) 4-Bromofluorobenzene	11.085	95	61699	49.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.20%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	50069	52.15	ug/l	99
3) Chloromethane	1.294	50	51529	48.88	ug/l	100
4) Vinyl Chloride	1.374	62	50323	51.73	ug/l	97
5) Bromomethane	1.599	94	25883	48.30	ug/l	94
6) Chloroethane	1.678	64	30078	50.03	ug/l	96
7) Trichlorofluoromethane	1.886	101	71540	50.63	ug/l	97
8) Diethyl Ether	2.136	74	27023	49.54	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	43915	49.63	ug/l	87
10) Methyl Iodide	2.453	142	50383	47.56	ug/l	94
11) Tert butyl alcohol	2.983	59	64915	252.24	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44241	50.12	ug/l	90
13) Acrolein	2.245	56	36079	225.40	ug/l	98
14) Allyl chloride	2.666	41	84572	50.43	ug/l	93
15) Acrylonitrile	3.074	53	153624	261.12	ug/l	98
16) Acetone	2.392	43	130944	239.19	ug/l	95
17) Carbon Disulfide	2.514	76	109188	45.72	ug/l	99
18) Methyl Acetate	2.709	43	70100	52.03	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	165265	52.21	ug/l	97
20) Methylene Chloride	2.794	84	53647	49.41	ug/l	# 86
21) trans-1,2-Dichloroethene	3.099	96	47227	48.23	ug/l	92
22) Diisopropyl ether	3.769	45	185791	53.26	ug/l	96
23) Vinyl Acetate	3.733	43	806689	275.66	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	96028	51.53	ug/l	97
25) 2-Butanone	4.568	43	223380	262.40	ug/l	90
26) 2,2-Dichloropropane	4.483	77	60377	42.69	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	56397	51.89	ug/l	96
28) Bromochloromethane	4.910	49	45514	51.84	ug/l	# 75
29) Tetrahydrofuran	5.019	42	148093	270.45	ug/l	87
30) Chloroform	5.099	83	95615	51.00	ug/l	98
31) Cyclohexane	5.476	56	87139	49.98	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	80045	53.15	ug/l	97
36) 1,1-Dichloropropene	5.702	75	71582	49.82	ug/l	96
37) Ethyl Acetate	4.727	43	85891	51.61	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	64969	53.91	ug/l	97
39) Methylcyclohexane	7.385	83	82291	49.10	ug/l	96
40) Benzene	6.043	78	212924	51.39	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47419	51.72	ug/l	91
42) 1,2-Dichloroethane	6.098	62	79953	52.45	ug/l	96
43) Isopropyl Acetate	6.348	43	142180	53.13	ug/l #	91
44) Trichloroethene	7.135	130	50701	51.60	ug/l	97
45) 1,2-Dichloropropane	7.433	63	55384	51.83	ug/l	100
46) Dibromomethane	7.586	93	35793	50.48	ug/l #	85
47) Bromodichloromethane	7.830	83	69520	48.36	ug/l	100
48) Methyl methacrylate	7.696	41	67133	54.21	ug/l	87
49) 1,4-Dioxane	7.665	88	27686	1038.52	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	444952	267.17	ug/l	90
52) Toluene	8.720	92	127827	51.04	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74391	44.10	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	84300	46.56	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	51059	50.81	ug/l	99
56) Ethyl methacrylate	9.122	69	87694	47.40	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	93222	51.03	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	225231	244.40	ug/l	94
59) 2-Hexanone	9.433	43	340651	269.62	ug/l	87
60) Dibromochloromethane	9.525	129	44565	45.62	ug/l	98
61) 1,2-Dibromoethane	9.616	107	52414	51.36	ug/l	98
64) Tetrachloroethene	9.275	164	41945	49.05	ug/l #	88
65) Chlorobenzene	10.085	112	128851	50.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44714	53.99	ug/l	97
67) Ethyl Benzene	10.195	91	245677	52.06	ug/l	97
68) m/p-Xylenes	10.305	106	180586	103.05	ug/l	94
69) o-Xylene	10.646	106	89314	52.37	ug/l	95
70) Styrene	10.659	104	148509	52.46	ug/l	95
71) Bromoform	10.805	173	26413	44.92	ug/l #	99
73) Isopropylbenzene	10.963	105	232041	52.21	ug/l	98
74) N-amyl acetate	10.847	43	122748	48.98	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	79141	51.85	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73642m	53.08	ug/l	
77) Bromobenzene	11.201	156	47351	51.24	ug/l	82
78) n-propylbenzene	11.305	91	282061	52.46	ug/l	97
79) 2-Chlorotoluene	11.366	91	170422	52.49	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	194594	53.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	21876	43.56	ug/l #	82
82) 4-Chlorotoluene	11.457	91	193134	51.48	ug/l	94
83) tert-Butylbenzene	11.719	119	179665	52.14	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	196010	53.37	ug/l	97
85) sec-Butylbenzene	11.896	105	242168	52.11	ug/l	97
86) p-Isopropyltoluene	12.012	119	193005	52.26	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	92004	51.60	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	92635	49.69	ug/l	95
89) n-Butylbenzene	12.335	91	182653	52.02	ug/l	96
90) Hexachloroethane	12.542	117	31497	46.40	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	89822	51.62	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17095	47.63	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	51069	52.92	ug/l	97
94) Hexachlorobutadiene	13.725	225	17645	46.66	ug/l	96
95) Naphthalene	13.780	128	211448	49.41	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51176	52.64	ug/l	97

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

