

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023251.D
 Acq On : 12 Jul 2021 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2021 6:54:05 PM

Quant Time: Jul 13 01:30:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	267563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	395466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170656	47.457	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.397	113	132381	48.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.653	98	484655	47.439	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.085	95	192825	48.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	117361	48.409	ug/l	98
3) Chloromethane	1.294	50	106978	44.599	ug/l	98
4) Vinyl Chloride	1.374	62	116985	46.040	ug/l	99
5) Bromomethane	1.599	94	51492	38.335	ug/l	99
6) Chloroethane	1.679	64	74621	44.911	ug/l	96
7) Trichlorofluoromethane	1.880	101	201706	45.678	ug/l	97
8) Diethyl Ether	2.142	74	76824	47.136	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	127628	49.388	ug/l	98
10) Methyl Iodide	2.453	142	157990	49.789	ug/l	94
11) Tert butyl alcohol	2.983	59	174343	230.456	ug/l	98
12) 1,1-Dichloroethene	2.319	96	116054	48.658	ug/l	97
13) Acrolein	2.246	56	97455	193.454	ug/l	99
14) Allyl chloride	2.666	41	203432	49.084	ug/l	94
15) Acrylonitrile	3.075	53	361512	245.758	ug/l	98
16) Acetone	2.392	43	318639	223.967	ug/l	92
17) Carbon Disulfide	2.514	76	220196	43.775	ug/l	99
18) Methyl Acetate	2.715	43	165875	48.031	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	459401	51.501	ug/l	99
20) Methylene Chloride	2.794	84	138107	45.087	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	122110	47.405	ug/l	94
22) Diisopropyl ether	3.776	45	426034	48.758	ug/l	93
23) Vinyl Acetate	3.733	43	1820447	246.166	ug/l	97
24) 1,1-Dichloroethane	3.617	63	245345	49.695	ug/l	98
25) 2-Butanone	4.568	43	504977	235.381	ug/l	95
26) 2,2-Dichloropropane	4.483	77	202581	48.889	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	155264	49.764	ug/l	99
28) Bromochloromethane	4.910	49	108384	46.274	ug/l	99
29) Tetrahydrofuran	5.019	42	323320	234.447	ug/l	95
30) Chloroform	5.105	83	265994	49.876	ug/l	100
31) Cyclohexane	5.477	56	194028	45.064	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	240196	51.714	ug/l	100
36) 1,1-Dichloropropene	5.702	75	177603	46.973	ug/l	99
37) Ethyl Acetate	4.727	43	197239	47.820	ug/l	97
38) Carbon Tetrachloride	5.684	117	207809	52.655	ug/l	99
39) Methylcyclohexane	7.385	83	208141	47.068	ug/l	97
40) Benzene	6.050	78	538196	49.028	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	113188	49.089	ug/l	94
42) 1,2-Dichloroethane	6.098	62	217924	49.405	ug/l	95
43) Isopropyl Acetate	6.355	43	328914	47.943	ug/l	95
44) Trichloroethene	7.129	130	153445	49.275	ug/l	100
45) 1,2-Dichloropropane	7.434	63	141235	49.286	ug/l	98
46) Dibromomethane	7.586	93	101514	49.603	ug/l	100
47) Bromodichloromethane	7.830	83	195542	52.333	ug/l	99
48) Methyl methacrylate	7.702	41	163513	48.572	ug/l	91
49) 1,4-Dioxane	7.665	88	69750	920.619	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1025813	241.298	ug/l	94
52) Toluene	8.726	92	350376	49.319	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	217749	46.311	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	229360	46.783	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	151693	50.847	ug/l	98
56) Ethyl methacrylate	9.122	69	234069	50.775	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	244861	49.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	586774	234.177	ug/l	100
59) 2-Hexanone	9.433	43	776218	237.968	ug/l	91
60) Dibromochloromethane	9.525	129	158403	47.704	ug/l	100
61) 1,2-Dibromoethane	9.616	107	157600	51.472	ug/l	98
64) Tetrachloroethene	9.281	164	157735	50.008	ug/l	95
65) Chlorobenzene	10.086	112	391588	50.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	153934	54.460	ug/l	99
67) Ethyl Benzene	10.195	91	691655	50.049	ug/l	100
68) m/p-Xylenes	10.305	106	543803	103.069	ug/l	99
69) o-Xylene	10.646	106	269654	50.712	ug/l	100
70) Styrene	10.659	104	455386	52.428	ug/l	98
71) Bromoform	10.805	173	114242	47.747	ug/l #	99
73) Isopropylbenzene	10.963	105	713409	50.868	ug/l	99
74) N-amyl acetate	10.848	43	284460	47.798	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.220	83	218778	49.099	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	209629m	52.326	ug/l	
77) Bromobenzene	11.201	156	177856	50.792	ug/l	95
78) n-propylbenzene	11.305	91	806996	49.761	ug/l	98
79) 2-Chlorotoluene	11.366	91	501780	50.062	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	615973	51.009	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	70724	49.363	ug/l	97
82) 4-Chlorotoluene	11.457	91	576580	50.940	ug/l	100
83) tert-Butylbenzene	11.719	119	597435	52.124	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	616588	51.669	ug/l	98
85) sec-Butylbenzene	11.896	105	764585	51.843	ug/l	100
86) p-Isopropyltoluene	12.012	119	643992	52.054	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	335037	50.953	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	329950	49.835	ug/l	98
89) n-Butylbenzene	12.335	91	541596	49.975	ug/l	98
90) Hexachloroethane	12.542	117	101966	48.290	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	330602	50.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52106	47.788	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	213021	52.868	ug/l	98
94) Hexachlorobutadiene	13.725	225	88192	51.694	ug/l	97
95) Naphthalene	13.780	128	725533	48.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	219129	54.073	ug/l	98

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

