

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023109.D
 Acq On : 02 Jul 2021 14:52
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX070221

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:22 PM

Quant Time: Jul 05 02:53:28 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	314216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	492847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	458220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	194064	45.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.900%		
35) Dibromofluoromethane	5.391	113	148204	46.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.653	98	558484	47.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	11.085	95	216815	47.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	150151	52.739	ug/l	99
3) Chloromethane	1.294	50	137250	48.724	ug/l	98
4) Vinyl Chloride	1.373	62	151058	50.623	ug/l	98
5) Bromomethane	1.599	94	88424	58.737	ug/l	100
6) Chloroethane	1.684	64	93762	48.053	ug/l	95
7) Trichlorofluoromethane	1.886	101	259590	50.058	ug/l	97
8) Diethyl Ether	2.136	74	94262	49.248	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	158342	52.176	ug/l	98
10) Methyl Iodide	2.453	142	154365	41.424	ug/l	93
11) Tert butyl alcohol	2.977	59	202710	228.168	ug/l	98
12) 1,1-Dichloroethene	2.318	96	141661	50.576	ug/l	95
13) Acrolein	2.239	56	134549	227.432	ug/l	99
14) Allyl chloride	2.666	41	248277	51.010	ug/l	92
15) Acrylonitrile	3.074	53	429459	248.602	ug/l	97
16) Acetone	2.385	43	414826	248.284	ug/l	90
17) Carbon Disulfide	2.513	76	296380	50.172	ug/l	99
18) Methyl Acetate	2.709	43	197438	48.682	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	530689	50.660	ug/l	97
20) Methylene Chloride	2.794	84	158829	44.153	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	149673	49.478	ug/l	98
22) Diisopropyl ether	3.769	45	512593	49.954	ug/l	96
23) Vinyl Acetate	3.733	43	2253626	259.495	ug/l	96
24) 1,1-Dichloroethane	3.617	63	288276	49.722	ug/l	97
25) 2-Butanone	4.568	43	642460	255.002	ug/l	95
26) 2,2-Dichloropropane	4.483	77	260180	53.467	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	181396	49.507	ug/l	96
28) Bromochloromethane	4.903	49	127747	46.443	ug/l	97
29) Tetrahydrofuran	5.013	42	400708	247.422	ug/l	93
30) Chloroform	5.104	83	312588	49.911	ug/l	98
31) Cyclohexane	5.476	56	251208	49.681	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	281293	51.570	ug/l	100
36) 1,1-Dichloropropene	5.702	75	221401	50.391	ug/l	99
37) Ethyl Acetate	4.726	43	244001	50.909	ug/l	96
38) Carbon Tetrachloride	5.684	117	248735	54.237	ug/l	98
39) Methylcyclohexane	7.385	83	271530	52.840	ug/l	99
40) Benzene	6.043	78	637895	50.007	ug/l	100

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41) Methacrylonitrile	4.934	41	133256	49.733	ug/l	94
42) 1,2-Dichloroethane	6.098	62	256398	50.021	ug/l	95
43) Isopropyl Acetate	6.348	43	404962	50.797	ug/l	94
44) Trichloroethene	7.128	130	179219	49.526	ug/l	99
45) 1,2-Dichloropropane	7.439	63	166826	50.099	ug/l	97
46) Dibromomethane	7.586	93	119408	50.211	ug/l	97
47) Bromodichloromethane	7.830	83	225276	51.883	ug/l	99
48) Methyl methacrylate	7.702	41	197487	50.484	ug/l	89
49) 1,4-Dioxane	7.665	88	82908	941.699	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	1255945	254.235	ug/l	93
52) Toluene	8.726	92	419852	50.857	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	259879	47.490	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	273415	47.936	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	174969	50.471	ug/l	98
56) Ethyl methacrylate	9.122	69	277912	51.879	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	287227	50.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	697208	239.344	ug/l	99
59) 2-Hexanone	9.433	43	983357	259.433	ug/l	89
60) Dibromochloromethane	9.524	129	177320	46.069	ug/l	99
61) 1,2-Dibromoethane	9.616	107	186680	52.467	ug/l	99
64) Tetrachloroethene	9.274	164	180135	49.288	ug/l	92
65) Chlorobenzene	10.085	112	461043	50.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	172808	52.765	ug/l	99
67) Ethyl Benzene	10.195	91	834920	52.141	ug/l	100
68) m/p-Xylenes	10.305	106	641909	105.001	ug/l	98
69) o-Xylene	10.646	106	315652	51.233	ug/l	99
70) Styrene	10.658	104	529222	52.585	ug/l	97
71) Bromoform	10.805	173	125013	45.319	ug/l	99
73) Isopropylbenzene	10.963	105	845866	51.352	ug/l	100
74) N-amyl acetate	10.847	43	358482	51.288	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	259432	49.573	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	239343m	50.868	ug/l	
77) Bromobenzene	11.201	156	205022	49.852	ug/l	96
78) n-propylbenzene	11.311	91	991256	52.042	ug/l	99
79) 2-Chlorotoluene	11.366	91	595392	50.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	731352	51.567	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	82431	49.023	ug/l	93
82) 4-Chlorotoluene	11.457	91	692148	52.066	ug/l	99
83) tert-Butylbenzene	11.719	119	700539	52.040	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	730038	52.088	ug/l	99
85) sec-Butylbenzene	11.896	105	913643	52.747	ug/l	99
86) p-Isopropyltoluene	12.012	119	773720	53.249	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	391783	50.732	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	394915	50.786	ug/l	99
89) n-Butylbenzene	12.335	91	685515	53.858	ug/l	98
90) Hexachloroethane	12.542	117	116333	46.995	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	386520	50.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59650	46.645	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	251417	53.128	ug/l	98
94) Hexachlorobutadiene	13.731	225	108751	54.275	ug/l	99
95) Naphthalene	13.780	128	851183	48.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	252252	52.999	ug/l	99

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

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