

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022069.D
 Acq On : 18 May 2021 22:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051821

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:32 PM

Quant Time: May 19 05:16:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	86795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	155109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169343	47.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.32%
35) Dibromofluoromethane	5.397	113	132718	47.96	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.92%
50) Toluene-d8	8.653	98	509595	47.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.96%
62) 4-Bromofluorobenzene	11.085	95	190364	48.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.20%
Target Compounds						
2) Dichlorodifluoromethane	1.166	85	54804	51.20	ug/l	99
3) Chloromethane	1.294	50	60536	50.30	ug/l	95
4) Vinyl Chloride	1.373	62	65112	52.10	ug/l	99
5) Bromomethane	1.611	94	36324	52.89	ug/l	97
6) Chloroethane	1.684	64	40722	49.45	ug/l	99
7) Trichlorofluoromethane	1.886	101	90591	50.46	ug/l	95
8) Diethyl Ether	2.136	74	39046	51.71	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52085	51.05	ug/l	98
10) Methyl Iodide	2.453	142	54467	48.18	ug/l	100
11) Tert butyl alcohol	2.995	59	77845	231.37	ug/l	99
12) 1,1-Dichloroethene	2.325	96	51575	50.39	ug/l	98
13) Acrolein	2.239	56	52193	240.33	ug/l	95
14) Allyl chloride	2.666	41	94475	49.84	ug/l	99
15) Acrylonitrile	3.074	53	163491	252.80	ug/l	98
16) Acetone	2.392	43	146111	239.42	ug/l	98
17) Carbon Disulfide	2.514	76	132110	50.87	ug/l	100
18) Methyl Acetate	2.709	43	79940	50.20	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	180273	51.63	ug/l	95
20) Methylene Chloride	2.794	84	62780	47.27	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	57594	51.52	ug/l	96
22) Diisopropyl ether	3.769	45	185124	51.12	ug/l	99
23) Vinyl Acetate	3.733	43	907722	256.75	ug/l	99
24) 1,1-Dichloroethane	3.617	63	108529	50.82	ug/l	98
25) 2-Butanone	4.568	43	253832	249.81	ug/l	99
26) 2,2-Dichloropropane	4.483	77	81271	47.52	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	69194	50.48	ug/l	99
28) Bromochloromethane	4.909	49	52007	50.66	ug/l	97
29) Tetrahydrofuran	5.019	42	148890	247.33	ug/l	98
30) Chloroform	5.105	83	110357	50.94	ug/l	98
31) Cyclohexane	5.476	56	85800	49.11	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	95225	50.56	ug/l	100
36) 1,1-Dichloropropene	5.696	75	82748	52.58	ug/l	98
37) Ethyl Acetate	4.727	43	97096	47.71	ug/l	99
38) Carbon Tetrachloride	5.690	117	82458	52.45	ug/l	99
39) Methylcyclohexane	7.391	83	87287	50.79	ug/l	99
40) Benzene	6.050	78	250737	51.59	ug/l	100

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41) Methacrylonitrile	4.928	41	53054	49.99	ug/l	96
42) 1,2-Dichloroethane	6.092	62	88968	52.22	ug/l	100
43) Isopropyl Acetate	6.348	43	164456	50.51	ug/l	99
44) Trichloroethene	7.129	130	61108	51.35	ug/l	100
45) 1,2-Dichloropropane	7.439	63	64818	51.60	ug/l	94
46) Dibromomethane	7.586	93	44059	52.20	ug/l	97
47) Bromodichloromethane	7.830	83	88625	52.54	ug/l	100
48) Methyl methacrylate	7.696	41	75996	51.40	ug/l	100
49) 1,4-Dioxane	7.683	88	29379	940.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	506059	258.29	ug/l	99
52) Toluene	8.726	92	157400	50.45	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	100333	53.36	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	106128	48.17	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	64278	52.09	ug/l	98
56) Ethyl methacrylate	9.122	69	106810	52.46	ug/l	99
57) 1,3-Dichloropropane	9.311	76	111121	50.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	276279	257.33	ug/l	99
59) 2-Hexanone	9.433	43	385967	262.67	ug/l	99
60) Dibromochloromethane	9.524	129	65989	54.29	ug/l	100
61) 1,2-Dibromoethane	9.616	107	66268	51.68	ug/l	100
64) Tetrachloroethene	9.281	164	50292	49.84	ug/l	99
65) Chlorobenzene	10.085	112	164203	51.30	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	60812	53.91	ug/l	96
67) Ethyl Benzene	10.195	91	302783	51.46	ug/l	97
68) m/p-Xylenes	10.305	106	228011	104.20	ug/l	100
69) o-Xylene	10.646	106	111469	51.30	ug/l	98
70) Styrene	10.658	104	189771	52.28	ug/l	100
71) Bromoform	10.805	173	41796	54.01	ug/l #	99
73) Isopropylbenzene	10.969	105	293038	50.49	ug/l	100
74) N-amyl acetate	10.847	43	146425	52.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.219	83	101823	51.16	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	89601m	50.41	ug/l	
77) Bromobenzene	11.201	156	62904	51.73	ug/l	99
78) n-propylbenzene	11.311	91	344666	50.73	ug/l	100
79) 2-Chlorotoluene	11.366	91	206008	50.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	245696	50.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35138	49.60	ug/l	99
82) 4-Chlorotoluene	11.457	91	238665	50.69	ug/l	100
83) tert-Butylbenzene	11.719	119	234640	50.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	247876	50.93	ug/l	98
85) sec-Butylbenzene	11.896	105	302901	51.28	ug/l	100
86) p-Isopropyltoluene	12.012	119	252788	51.94	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	121304	51.84	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120906	51.17	ug/l	99
89) n-Butylbenzene	12.335	91	234738	52.35	ug/l	100
90) Hexachloroethane	12.542	117	43114	52.13	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	116791	51.40	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22795	51.12	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	70357	51.82	ug/l	99
94) Hexachlorobutadiene	13.725	225	26301	50.99	ug/l	97
95) Naphthalene	13.780	128	290402	48.73	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69870	48.02	ug/l	100

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

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