

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021973.D
 Acq On : 13 May 2021 17:27
 Operator : JC/MD
 Sample : M2383-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:48:33 PM

Quant Time: May 14 04:38:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	83728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	148251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66861	48.52	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.04%		
35) Dibromofluoromethane	5.397	113	54471	49.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.98%		
50) Toluene-d8	8.653	98	203131	48.36	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.72%		
62) 4-Bromofluorobenzene	11.085	95	79637	48.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	55403	50.26	ug/l	98
3) Chloromethane	1.294	50	70223	53.05	ug/l	96
4) Vinyl Chloride	1.374	62	70398	46.06	ug/l	99
5) Bromomethane	1.599	94	25789	46.23	ug/l	99
6) Chloroethane	1.685	64	43794m	55.08	ug/l	
7) Trichlorofluoromethane	1.886	101	96023	45.57	ug/l	99
8) Diethyl Ether	2.136	74	40709	46.02	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	53425	49.86	ug/l	92
10) Methyl Iodide	2.453	142	43876	34.45	ug/l	98
11) Tert butyl alcohol	2.965	59	71168	193.57	ug/l	99
12) 1,1-Dichloroethene	2.325	96	53431	47.06	ug/l	98
13) Acrolein	2.239	56	23177	149.15	ug/l	99
14) Allyl chloride	2.666	41	94125	45.25	ug/l #	76
15) Acrylonitrile	3.068	53	159379	230.70	ug/l	100
16) Acetone	2.386	43	152655	247.01	ug/l	95
17) Carbon Disulfide	2.514	76	4514224	1429.67	ug/l	98
18) Methyl Acetate	2.709	43	76992	44.93	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	178926	49.16	ug/l	94
20) Methylene Chloride	2.794	84	63103	49.51	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	59320	48.96	ug/l	97
22) Diisopropyl ether	3.770	45	183944	47.49	ug/l	98
23) Vinyl Acetate	3.733	43	870674	228.41	ug/l	97
24) 1,1-Dichloroethane	3.617	63	109935	49.37	ug/l	99
25) 2-Butanone	4.568	43	243064	228.55	ug/l	95
26) 2,2-Dichloropropane	4.483	77	88078	44.19	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	70292	49.15	ug/l	100
28) Bromochloromethane	4.910	49	51742	50.86	ug/l	86
29) Tetrahydrofuran	5.013	42	139504	220.75	ug/l	94
30) Chloroform	5.105	83	135854	59.82	ug/l	97
31) Cyclohexane	5.477	56	89866	49.37	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	99571	49.96	ug/l	99
36) 1,1-Dichloropropene	5.702	75	83268	48.91	ug/l	99
37) Ethyl Acetate	4.727	43	92578	45.01	ug/l	96
38) Carbon Tetrachloride	5.690	117	84166	49.44	ug/l	97
39) Methylcyclohexane	7.385	83	95282	49.86	ug/l	98
40) Benzene	6.050	78	528868	103.17	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51797	46.64	ug/l	96
42) 1,2-Dichloroethane	6.098	62	90238	51.37	ug/l	99
43) Isopropyl Acetate	6.348	43	157611	45.31	ug/l	96
44) Trichloroethene	7.135	130	63719	51.16	ug/l	98
45) 1,2-Dichloropropane	7.440	63	65812	49.03	ug/l	94
46) Dibromomethane	7.586	93	43567	47.96	ug/l	90
47) Bromodichloromethane	7.830	83	90337	49.32	ug/l	96
48) Methyl methacrylate	7.702	41	75262	47.02	ug/l	94
49) 1,4-Dioxane	7.665	88	25645	761.60	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	492484	227.35	ug/l	93
52) Toluene	8.726	92	225806	69.01	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	103781	48.62	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	108028	48.32	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	65316	49.94	ug/l	98
56) Ethyl methacrylate	9.122	69	108165	47.07	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	111956	50.03	ug/l	99
59) 2-Hexanone	9.433	43	372304	223.11	ug/l	92
60) Dibromochloromethane	9.525	129	67265	47.72	ug/l	99
61) 1,2-Dibromoethane	9.616	107	67568	49.53	ug/l	100
64) Tetrachloroethene	9.281	164	47324	49.62	ug/l #	90
65) Chlorobenzene	10.085	112	170486	49.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60697	48.11	ug/l	98
67) Ethyl Benzene	10.195	91	781943	123.46	ug/l	100
68) m/p-Xylenes	10.305	106	546599	225.79	ug/l	99
69) o-Xylene	10.646	106	236585	97.92	ug/l	98
70) Styrene	10.659	104	192849	48.02	ug/l	89
71) Bromoform	10.805	173	44726	46.60	ug/l #	100
73) Isopropylbenzene	10.963	105	333504	54.61	ug/l	100
74) N-amyl acetate	10.848	43	146960	44.90	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	104291	46.04	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	91210m	47.50	ug/l	
77) Bromobenzene	11.201	156	66278	50.39	ug/l	89
78) n-propylbenzene	11.311	91	506542	70.02	ug/l	99
79) 2-Chlorotoluene	11.366	91	272890	62.26	ug/l	89
80) 1,3,5-Trimethylbenzene	11.457	105	530397	101.06	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	34320	41.46	ug/l	97
82) 4-Chlorotoluene	11.457	91	278849	54.96	ug/l	91
83) tert-Butylbenzene	11.719	119	248224	48.80	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1264932	240.30	ug/l	99
85) sec-Butylbenzene	11.896	105	324512	51.95	ug/l	99
86) p-Isopropyltoluene	12.012	119	278671	52.35	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	124255	49.99	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	127544	49.60	ug/l	96
89) n-Butylbenzene	12.335	91	277470	56.52	ug/l	96
90) Hexachloroethane	12.542	117	49698	51.65	ug/l	68
91) 1,2-Dichlorobenzene	12.335	146	122539	49.95	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25426	51.62	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	76614	51.86	ug/l	95
94) Hexachlorobutadiene	13.731	225	27667	47.99	ug/l	98
95) Naphthalene	13.786	128	6740635	1113.31	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	77176	51.53	ug/l	94

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

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