

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022072.D
 Acq On : 19 May 2021 00:02
 Operator : JC/MD
 Sample : VX0518WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD03

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:36 PM

Quant Time: May 19 05:31:53 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	82434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	162767	48.23	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.46%		
35) Dibromofluoromethane	5.397	113	126894	48.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.54%		
50) Toluene-d8	8.653	98	490401	48.61	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.22%		
62) 4-Bromofluorobenzene	11.085	95	182321	48.50	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19524	19.20	ug/l	96
3) Chloromethane	1.294	50	21681	18.97	ug/l	94
4) Vinyl Chloride	1.374	62	22450	18.91	ug/l	96
5) Bromomethane	1.611	94	13096	20.08	ug/l	92
6) Chloroethane	1.691	64	14202	17.02	ug/l	99
7) Trichlorofluoromethane	1.892	101	31721	18.60	ug/l	92
8) Diethyl Ether	2.136	74	13720	19.13	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	18319	18.91	ug/l	99
10) Methyl Iodide	2.453	142	18317	17.06	ug/l	99
11) Tert butyl alcohol	2.989	59	29370	91.91	ug/l	96
12) 1,1-Dichloroethene	2.325	96	18119	18.64	ug/l	93
13) Acrolein	2.239	56	18747	90.89	ug/l	96
14) Allyl chloride	2.672	41	32877	18.26	ug/l	98
15) Acrylonitrile	3.069	53	57205	93.13	ug/l	97
16) Acetone	2.392	43	53050	91.53	ug/l	98
17) Carbon Disulfide	2.514	76	45416	18.41	ug/l	100
18) Methyl Acetate	2.709	43	28866	19.09	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	62659	18.90	ug/l	98
20) Methylene Chloride	2.794	84	21754	17.25	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	20641	19.44	ug/l	97
22) Diisopropyl ether	3.770	45	64916	18.87	ug/l	96
23) Vinyl Acetate	3.727	43	310648	92.52	ug/l	99
24) 1,1-Dichloroethane	3.617	63	38371	18.92	ug/l	98
25) 2-Butanone	4.568	43	88330	91.53	ug/l	99
26) 2,2-Dichloropropane	4.483	77	26914	16.57	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	23725	18.23	ug/l	96
28) Bromochloromethane	4.910	49	18699	19.18	ug/l	98
29) Tetrahydrofuran	5.019	42	52533	91.88	ug/l	98
30) Chloroform	5.105	83	39291	19.10	ug/l	85
31) Cyclohexane	5.477	56	30571	18.43	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	34274	19.16	ug/l	99
36) 1,1-Dichloropropene	5.702	75	28272	18.91	ug/l	99
37) Ethyl Acetate	4.721	43	35695	18.46	ug/l	98
38) Carbon Tetrachloride	5.684	117	28301	18.95	ug/l	96
39) Methylcyclohexane	7.391	83	30300	18.56	ug/l	96
40) Benzene	6.050	78	87612	18.98	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18170	18.02	ug/l	97
42) 1,2-Dichloroethane	6.098	62	31369	19.39	ug/l	97
43) Isopropyl Acetate	6.348	43	58013	18.76	ug/l	98
44) Trichloroethene	7.135	130	21919	19.39	ug/l	98
45) 1,2-Dichloropropane	7.440	63	22778	19.09	ug/l	95
46) Dibromomethane	7.586	93	15280	19.06	ug/l	98
47) Bromodichloromethane	7.830	83	30330	18.93	ug/l	92
48) Methyl methacrylate	7.696	41	26700	19.01	ug/l	99
49) 1,4-Dioxane	7.684	88	11023	371.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	175776	94.45	ug/l	99
52) Toluene	8.720	92	54749	18.48	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33386	18.69	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	36248	18.15	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	22755	19.42	ug/l	98
56) Ethyl methacrylate	9.122	69	35700	18.46	ug/l	99
57) 1,3-Dichloropropane	9.311	76	38611	18.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97092	95.21	ug/l	99
59) 2-Hexanone	9.433	43	133889	95.93	ug/l	99
60) Dibromochloromethane	9.525	129	21158	18.33	ug/l	97
61) 1,2-Dibromoethane	9.616	107	22920	18.82	ug/l	98
64) Tetrachloroethene	9.281	164	18388	19.26	ug/l	96
65) Chlorobenzene	10.086	112	58074	19.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19860	18.61	ug/l	100
67) Ethyl Benzene	10.195	91	104736	18.81	ug/l	96
68) m/p-Xylenes	10.305	106	80388	38.83	ug/l	98
69) o-Xylene	10.646	106	39602	19.26	ug/l	99
70) Styrene	10.659	104	66006	19.22	ug/l	99
71) Bromoform	10.805	173	13567	18.53	ug/l #	98
73) Isopropylbenzene	10.963	105	102675	18.85	ug/l	98
74) N-amyl acetate	10.848	43	49246	18.88	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35647	19.08	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	31405m	18.83	ug/l	
77) Bromobenzene	11.201	156	21901	19.19	ug/l	97
78) n-propylbenzene	11.311	91	119780	18.79	ug/l	99
79) 2-Chlorotoluene	11.366	91	70370	18.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	85231	18.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	11435	17.20	ug/l	95
82) 4-Chlorotoluene	11.457	91	82885	18.76	ug/l	99
83) tert-Butylbenzene	11.719	119	79908	18.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	86989	19.04	ug/l	99
85) sec-Butylbenzene	11.896	105	101606	18.33	ug/l	100
86) p-Isopropyltoluene	12.012	119	86965	19.04	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	41339	18.82	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42538	19.18	ug/l	99
89) n-Butylbenzene	12.335	91	77799	18.49	ug/l	100
90) Hexachloroethane	12.542	117	14108	18.18	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	42623	19.99	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7602	18.16	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	23895	18.75	ug/l	99
94) Hexachlorobutadiene	13.725	225	9109	18.82	ug/l	98
95) Naphthalene	13.780	128	97411	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24558	18.68	ug/l	96

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

