

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021985.D
 Acq On : 14 May 2021 11:16
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 2:34:08 PM

Quant Time: May 15 01:01:51 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	5.556	168	88479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	165656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70521	48.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.86%		
35) Dibromofluoromethane	5.391	113	55595	48.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.94%		
50) Toluene-d8	8.653	98	213400	49.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.52%		
62) 4-Bromofluorobenzene	11.085	95	82571	48.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21452	18.42	ug/l	98
3) Chloromethane	1.294	50	23662	16.92	ug/l	98
4) Vinyl Chloride	1.373	62	25542	15.81	ug/l	100
5) Bromomethane	1.611	94	12238	20.76	ug/l	86
6) Chloroethane	1.690	64	16257	19.35	ug/l	97
7) Trichlorofluoromethane	1.892	101	34526	15.50	ug/l	96
8) Diethyl Ether	2.135	74	15597	16.69	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	20339	17.96	ug/l	91
10) Methyl Iodide	2.459	142	18000	13.38	ug/l	95
11) Tert butyl alcohol	2.977	59	27676	71.23	ug/l	96
12) 1,1-Dichloroethene	2.324	96	20591	17.16	ug/l	99
13) Acrolein	2.245	56	9879	52.93	ug/l	95
14) Allyl chloride	2.666	41	36013	16.38	ug/l	97
15) Acrylonitrile	3.068	53	57564	78.85	ug/l	99
16) Acetone	2.385	43	52581	80.51	ug/l	99
17) Carbon Disulfide	2.513	76	55880	16.75	ug/l	100
18) Methyl Acetate	2.709	43	29360	16.21	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	67893	17.65	ug/l	99
20) Methylene Chloride	2.794	84	23697	17.69	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	22157	17.31	ug/l	94
22) Diisopropyl ether	3.763	45	67594	16.51	ug/l	93
23) Vinyl Acetate	3.727	43	330322	82.00	ug/l	98
24) 1,1-Dichloroethane	3.617	63	40738	17.31	ug/l	97
25) 2-Butanone	4.562	43	89687	79.80	ug/l	94
26) 2,2-Dichloropropane	4.476	77	37128	17.63	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	26769	17.71	ug/l	98
28) Bromochloromethane	4.903	49	19293	17.95	ug/l	86
29) Tetrahydrofuran	5.007	42	51645	77.33	ug/l	95
30) Chloroform	5.104	83	41821	17.43	ug/l	96
31) Cyclohexane	5.482	56	33726	17.53	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	36994	17.56	ug/l	100
36) 1,1-Dichloropropene	5.702	75	31102	17.71	ug/l	99
37) Ethyl Acetate	4.720	43	35006	16.50	ug/l	96
38) Carbon Tetrachloride	5.678	117	31588	17.99	ug/l	90
39) Methylcyclohexane	7.385	83	35526	18.02	ug/l	99
40) Benzene	6.037	78	94462	17.87	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19511	17.03	ug/l	96
42) 1,2-Dichloroethane	6.092	62	33264	18.36	ug/l	100
43) Isopropyl Acetate	6.348	43	59817	16.67	ug/l	94
44) Trichloroethene	7.128	130	24140	18.79	ug/l	98
45) 1,2-Dichloropropane	7.433	63	24765	17.89	ug/l	96
46) Dibromomethane	7.586	93	16438	17.55	ug/l #	87
47) Bromodichloromethane	7.823	83	33970	17.98	ug/l	98
48) Methyl methacrylate	7.695	41	28067	17.00	ug/l	94
49) 1,4-Dioxane	7.671	88	10266	295.58	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	178279	79.79	ug/l	93
52) Toluene	8.720	92	59669	17.68	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	37949	17.24	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	42044	18.23	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	24303	18.01	ug/l	96
56) Ethyl methacrylate	9.116	69	38981	16.45	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	41971	18.19	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	102583	88.37	ug/l	100
59) 2-Hexanone	9.433	43	133817	77.75	ug/l	92
60) Dibromochloromethane	9.524	129	24994	17.19	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24565	17.46	ug/l	100
64) Tetrachloroethene	9.281	164	19831	20.61	ug/l	95
65) Chlorobenzene	10.079	112	63134	18.21	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	22178	17.42	ug/l	98
67) Ethyl Benzene	10.195	91	115877	18.14	ug/l	99
68) m/p-Xylenes	10.305	106	86679	35.49	ug/l	100
69) o-Xylene	10.646	106	42649	17.50	ug/l	99
70) Styrene	10.658	104	70601	17.43	ug/l	97
71) Bromoform	10.805	173	15233	15.73	ug/l #	93
73) Isopropylbenzene	10.963	105	112619	19.10	ug/l	100
74) N-amyl acetate	10.847	43	51075	16.16	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	35509	16.23	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	33223m	17.92	ug/l	
77) Bromobenzene	11.201	156	24010	18.90	ug/l	89
78) n-propylbenzene	11.305	91	129471	18.53	ug/l	99
79) 2-Chlorotoluene	11.366	91	77652	18.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	94939	18.73	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13196	16.51	ug/l	96
82) 4-Chlorotoluene	11.457	91	89740	18.32	ug/l	98
83) tert-Butylbenzene	11.719	119	90273	18.38	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	95198	18.73	ug/l	100
85) sec-Butylbenzene	11.896	105	113565	18.83	ug/l	100
86) p-Isopropyltoluene	12.012	119	94330	18.35	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	45103	18.79	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	45213	18.21	ug/l	96
89) n-Butylbenzene	12.335	91	86186	18.18	ug/l	99
90) Hexachloroethane	12.542	117	15700	16.90	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	43325	18.29	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8075	16.60	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	25812	18.09	ug/l	97
94) Hexachlorobutadiene	13.731	225	10304	18.51	ug/l	99
95) Naphthalene	13.780	128	102739	17.57	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26866	18.58	ug/l	96

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

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