

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021873.D
 Acq On : 07 May 2021 14:21
 Operator : JC/MD
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:53 PM

Quant Time: May 08 06:19:23 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	5.562	168	89684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69694	47.22	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.44%
35) Dibromofluoromethane	5.391	113	55622	47.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.46%
50) Toluene-d8	8.653	98	215791	48.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.04%
62) 4-Bromofluorobenzene	11.085	95	82750	47.15	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.30%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21939	18.58	ug/l	93
3) Chloromethane	1.295	50	24552	17.32	ug/l	98
4) Vinyl Chloride	1.374	62	28957	17.69	ug/l	97
5) Bromomethane	1.599	94	13280	22.23	ug/l	90
6) Chloroethane	1.685	64	17333	20.35	ug/l	97
7) Trichlorofluoromethane	1.886	101	40262	17.84	ug/l	98
8) Diethyl Ether	2.136	74	16579	17.50	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	20671	18.01	ug/l	93
10) Methyl Iodide	2.453	142	23176	16.99	ug/l	96
11) Tert butyl alcohol	2.977	59	34141	86.69	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	21621	17.78	ug/l	90
13) Acrolein	2.239	56	13616	76.33	ug/l	99
14) Allyl chloride	2.666	41	38461	17.26	ug/l	98
15) Acrylonitrile	3.069	53	64840	87.62	ug/l	99
16) Acetone	2.386	43	57671	87.12	ug/l	93
17) Carbon Disulfide	2.508	76	59666	17.64	ug/l	100
18) Methyl Acetate	2.715	43	31296	17.05	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	69585	17.85	ug/l	98
20) Methylene Chloride	2.788	84	24853	18.30	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	22783	17.56	ug/l	97
22) Diisopropyl ether	3.776	45	70031	16.88	ug/l	87
23) Vinyl Acetate	3.727	43	353202	86.50	ug/l	95
24) 1,1-Dichloroethane	3.617	63	42325	17.75	ug/l	98
25) 2-Butanone	4.568	43	99197	87.08	ug/l	93
26) 2,2-Dichloropropane	4.483	77	37508	17.57	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	26790	17.49	ug/l	99
28) Bromochloromethane	4.910	49	20246	18.58	ug/l	83
29) Tetrahydrofuran	5.019	42	57308	84.66	ug/l	94
30) Chloroform	5.099	83	42388	17.43	ug/l	99
31) Cyclohexane	5.477	56	35757	18.34	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	37354	17.50	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31876	17.68	ug/l	99
37) Ethyl Acetate	4.727	43	39226	18.01	ug/l	96
38) Carbon Tetrachloride	5.678	117	32707	18.15	ug/l	99
39) Methylcyclohexane	7.385	83	37535	18.55	ug/l	99
40) Benzene	6.044	78	96378	17.76	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	20775	17.67	ug/l	98
42) 1,2-Dichloroethane	6.092	62	33910	18.23	ug/l	100
43) Isopropyl Acetate	6.348	43	64185	17.43	ug/l	96
44) Trichloroethene	7.129	130	24004	18.20	ug/l	98
45) 1,2-Dichloropropane	7.440	63	25143	17.69	ug/l	98
46) Dibromomethane	7.586	93	17227	17.91	ug/l	88
47) Bromodichloromethane	7.824	83	35011	18.05	ug/l	97
48) Methyl methacrylate	7.696	41	29670	17.51	ug/l	93
49) 1,4-Dioxane	7.665	88	13063	366.41	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	197084	85.93	ug/l	93
52) Toluene	8.720	92	60515	17.47	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	39952	17.68	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	42157	17.81	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	25322	18.29	ug/l	95
56) Ethyl methacrylate	9.122	69	41779	17.17	ug/l	91
57) 1,3-Dichloropropane	9.311	76	42786	18.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	108025	90.66	ug/l	97
59) 2-Hexanone	9.433	43	149848	84.82	ug/l	92
60) Dibromochloromethane	9.525	129	25637	17.18	ug/l	97
61) 1,2-Dibromoethane	9.616	107	25532	17.68	ug/l	100
64) Tetrachloroethene	9.275	164	18663	18.70	ug/l #	87
65) Chlorobenzene	10.086	112	64034	17.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22776	17.25	ug/l	97
67) Ethyl Benzene	10.195	91	118281	17.85	ug/l	99
68) m/p-Xylenes	10.305	106	90614	35.77	ug/l	99
69) o-Xylene	10.646	106	44468	17.59	ug/l	97
70) Styrene	10.659	104	73633	17.52	ug/l	98
71) Bromoform	10.805	173	17374	17.30	ug/l #	100
73) Isopropylbenzene	10.963	105	116894	18.38	ug/l	99
74) N-amyl acetate	10.848	43	57394	16.84	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	40237	17.06	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	36092m	18.05	ug/l	
77) Bromobenzene	11.201	156	25203	18.40	ug/l	92
78) n-propylbenzene	11.305	91	136339	18.10	ug/l	99
79) 2-Chlorotoluene	11.366	91	80906	17.73	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	98469	18.02	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	15168	17.60	ug/l	97
82) 4-Chlorotoluene	11.457	91	92142	17.44	ug/l	98
83) tert-Butylbenzene	11.719	119	95592	18.05	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	97262	17.74	ug/l	99
85) sec-Butylbenzene	11.896	105	116882	17.97	ug/l	98
86) p-Isopropyltoluene	12.012	119	99534	17.96	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	46719	18.05	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	46788	17.48	ug/l	94
89) n-Butylbenzene	12.335	91	91663	17.93	ug/l	98
90) Hexachloroethane	12.542	117	18242	18.21	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	46114	18.05	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9606	18.37	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	27948	18.17	ug/l	96
94) Hexachlorobutadiene	13.731	225	11746	19.57	ug/l	98
95) Naphthalene	13.780	128	115644	18.34	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29101	18.66	ug/l	96

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

