

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020858.D
 Acq On : 04 Feb 2021 12:02
 Operator : JC/MD
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 10:51:10 AM

Quant Time: Feb 05 01:37:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	288004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	443923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	432137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	220545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	184472	46.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.92%		
35) Dibromofluoromethane	5.458	113	156050	51.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.64%		
50) Toluene-d8	8.690	98	549361	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.56%		
62) 4-Bromofluorobenzene	11.116	95	215739	49.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	81329	18.63	ug/l	98
3) Chloromethane	1.313	50	71967	17.76	ug/l	100
4) Vinyl Chloride	1.392	62	69860	17.30	ug/l	99
5) Bromomethane	1.624	94	40923	21.09	ug/l	100
6) Chloroethane	1.709	64	41651	18.22	ug/l	98
7) Trichlorofluoromethane	1.916	101	104282	19.03	ug/l	98
8) Diethyl Ether	2.166	74	37205	18.92	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.361	101	53723	19.21	ug/l	98
10) Methyl Iodide	2.489	142	74234	18.92	ug/l	95
11) Tert butyl alcohol	3.008	59	67648	92.25	ug/l	99
12) 1,1-Dichloroethene	2.355	96	51450	18.60	ug/l	94
13) Acrolein	2.270	56	43021	77.78	ug/l	99
14) Allyl chloride	2.703	41	87404	16.97	ug/l	95
15) Acrylonitrile	3.111	53	172247	92.80	ug/l	100
16) Acetone	2.416	43	127973	85.92	ug/l	99
17) Carbon Disulfide	2.544	76	150229	17.45	ug/l	100
18) Methyl Acetate	2.745	43	74194	19.50	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	197659	19.10	ug/l	97
20) Methylene Chloride	2.831	84	69779	18.56	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	62451	18.08	ug/l	96
22) Diisopropyl ether	3.818	45	189061	18.67	ug/l	97
23) Vinyl Acetate	3.782	43	759830	91.22	ug/l	100
24) 1,1-Dichloroethane	3.666	63	112537	18.39	ug/l	99
25) 2-Butanone	4.629	43	207077	88.77	ug/l	100
26) 2,2-Dichloropropane	4.544	77	90433	18.41	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	71173	18.78	ug/l	98
28) Bromochloromethane	4.971	49	42057	16.03	ug/l #	9
29) Tetrahydrofuran	5.087	42	134420	89.47	ug/l	99
30) Chloroform	5.166	83	121871	19.37	ug/l	99
31) Cyclohexane	5.544	56	88698	16.79	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	105821	19.11	ug/l	99
36) 1,1-Dichloropropene	5.763	75	81735	18.35	ug/l	99
37) Ethyl Acetate	4.788	43	80567	19.07	ug/l	99
38) Carbon Tetrachloride	5.745	117	94684	20.21	ug/l	98
39) Methylcyclohexane	7.434	83	91852	18.09	ug/l	98
40) Benzene	6.105	78	256615	19.56	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	43870	18.56	ug/l	98
42) 1,2-Dichloroethane	6.153	62	94055	20.10	ug/l	99
43) Isopropyl Acetate	6.403	43	122793	18.23	ug/l	99
44) Trichloroethene	7.184	130	68027	19.48	ug/l	97
45) 1,2-Dichloropropane	7.482	63	68135	19.92	ug/l	96
46) Dibromomethane	7.635	93	47792	20.82	ug/l	99
47) Bromodichloromethane	7.873	83	96087	19.81	ug/l #	98
48) Methyl methacrylate	7.745	41	62708	18.43	ug/l	98
49) 1,4-Dioxane	7.708	88	33252	416.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	407319	95.85	ug/l	99
52) Toluene	8.763	92	162047	19.64	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	96513	18.91	ug/l	97
54) cis-1,3-Dichloropropene	8.409	75	108240	19.67	ug/l	94
55) 1,1,2-Trichloroethane	9.196	97	70659	20.63	ug/l	97
56) Ethyl methacrylate	9.159	69	89693	18.23	ug/l	98
57) 1,3-Dichloropropane	9.348	76	116601	20.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	227828	96.12	ug/l	98
59) 2-Hexanone	9.470	43	301986	95.45	ug/l	99
60) Dibromochloromethane	9.561	129	78147	20.63	ug/l	100
61) 1,2-Dibromoethane	9.653	107	72013	20.31	ug/l	100
64) Tetrachloroethene	9.317	164	70213	21.19	ug/l	96
65) Chlorobenzene	10.116	112	177630	19.00	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.201	131	68026	19.60	ug/l	99
67) Ethyl Benzene	10.232	91	297663	18.36	ug/l	98
68) m/p-Xylenes	10.342	106	233354	38.60	ug/l	99
69) o-Xylene	10.683	106	108833	19.14	ug/l	98
70) Styrene	10.695	104	191805	19.65	ug/l	100
71) Bromoform	10.842	173	56529	20.29	ug/l #	100
73) Isopropylbenzene	11.000	105	303858	19.06	ug/l	99
74) N-amyl acetate	10.878	43	101549	16.54	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	104241	19.41	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	100102m	19.57	ug/l	
77) Bromobenzene	11.238	156	79249	19.64	ug/l	97
78) n-propylbenzene	11.341	91	343950	18.69	ug/l	100
79) 2-Chlorotoluene	11.402	91	214822	19.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	261261	19.17	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	32260	17.67	ug/l	99
82) 4-Chlorotoluene	11.494	91	253784	19.07	ug/l	98
83) tert-Butylbenzene	11.756	119	243291	18.49	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	265684	19.33	ug/l	99
85) sec-Butylbenzene	11.927	105	285108	18.75	ug/l	100
86) p-Isopropyltoluene	12.049	119	267480	18.95	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	140455	19.10	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	144223	18.89	ug/l	98
89) n-Butylbenzene	12.372	91	217576	17.21	ug/l	99
90) Hexachloroethane	12.579	117	47374	18.64	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	140455	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	21129	17.75	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	82290	17.91	ug/l	99
94) Hexachlorobutadiene	13.762	225	34780	16.06	ug/l	94
95) Naphthalene	13.817	128	258502	17.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	82997	18.55	ug/l	98

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

