

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063725.D
 Acq On : 29 Sep 2020 14:11
 Operator : JC/MD
 Sample : VN0929WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:20:35 PM

Quant Time: Sep 30 01:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217521	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	152439	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.06	98	550326	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.38	95	213972	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46917	15.936	ug/l	96
3) Chloromethane	2.04	50	56176	14.424	ug/l	97
4) Vinyl Chloride	2.16	62	56318	16.321	ug/l	97
5) Bromomethane	2.53	94	36550	17.840	ug/l	92
6) Chloroethane	2.68	64	37516	17.712	ug/l	95
7) Trichlorofluoromethane	2.99	101	97200	18.880	ug/l	96
8) Diethyl Ether	3.38	74	36330	18.102	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53863	18.604	ug/l	98
10) Methyl Iodide	3.91	142	58661	15.562	ug/l	98
11) Tert butyl alcohol	4.73	59	51722	84.398	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50787	17.318	ug/l	95
13) Acrolein	3.57	56	13158	57.937	ug/l	99
14) Allyl chloride	4.28	41	88740	15.298	ug/l	89
15) Acrylonitrile	4.93	53	137542	88.233	ug/l	99
16) Acetone	3.78	43	126591	89.042	ug/l	98
17) Carbon Disulfide	4.02	76	122818	14.398	ug/l	97
18) Methyl Acetate	4.28	43	71579	19.833	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	192430	17.606	ug/l	99
20) Methylene Chloride	4.50	84	61976	17.206	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	55445	17.065	ug/l	96
22) Diisopropyl ether	5.90	45	204081	17.250	ug/l	90
23) Vinyl Acetate	5.85	43	840358	86.492	ug/l	99
24) 1,1-Dichloroethane	5.80	63	116606	18.053	ug/l	98
25) 2-Butanone	6.79	43	194687	89.039	ug/l	96
26) 2,2-Dichloropropane	6.78	77	98059	17.244	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66589	18.107	ug/l	100
28) Bromochloromethane	7.15	49	58837	19.729	ug/l	95
29) Tetrahydrofuran	7.17	42	126963	85.019	ug/l	98
30) Chloroform	7.33	83	118308	18.257	ug/l	94
31) Cyclohexane	7.62	56	95940	15.703	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	107936	18.727	ug/l	100
36) 1,1-Dichloropropene	7.76	75	82012	17.777	ug/l	98
37) Ethyl Acetate	6.89	43	85276	18.833	ug/l	98
38) Carbon Tetrachloride	7.74	117	93543	19.863	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82496	16.476	ug/l	96
40) Benzene	8.00	78	242382	18.405	ug/l	99
41) Methacrylonitrile	7.13	41	34601m	16.991	ug/l	
42) 1,2-Dichloroethane	8.09	62	103518	19.546	ug/l	98
43) Isopropyl Acetate	8.13	43	147727	18.246	ug/l #	91
44) Trichloroethene	8.80	130	61570	19.275	ug/l	93
45) 1,2-Dichloropropane	9.09	63	64051	17.857	ug/l	96
46) Dibromomethane	9.18	93	45898	19.469	ug/l	95
47) Bromodichloromethane	9.37	83	95030	19.403	ug/l	96
48) Methyl methacrylate	9.17	41	69039	17.356	ug/l	96
49) 1,4-Dioxane	9.17	88	20293	355.494	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	439976	97.069	ug/l	99
52) Toluene	10.13	92	150523	19.010	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	102508	18.748	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	105611	18.312	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	61878	19.674	ug/l	95
56) Ethyl methacrylate	10.40	69	89677	18.265	ug/l	96
57) 1,3-Dichloropropane	10.68	76	107358	18.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	213369	82.842	ug/l	97
59) 2-Hexanone	10.72	43	318072	96.862	ug/l	99
60) Dibromochloromethane	10.87	129	70580	19.864	ug/l	98
61) 1,2-Dibromoethane	10.98	107	64178	19.641	ug/l	98
64) Tetrachloroethene	10.60	164	57139	20.766	ug/l	97
65) Chlorobenzene	11.41	112	164155	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63021	20.043	ug/l	98
67) Ethyl Benzene	11.49	91	296689	18.367	ug/l	99
68) m/p-Xylenes	11.59	106	221125	37.967	ug/l	97
69) o-Xylene	11.92	106	104600	18.853	ug/l	99
70) Styrene	11.94	104	177084	19.033	ug/l	99
71) Bromoform	12.10	173	47163	20.134	ug/l #	98
73) Isopropylbenzene	12.22	105	286228	18.509	ug/l	100
74) N-amyl acetate	12.05	43	123478	16.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	88655	18.515	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	87580m	18.336	ug/l	
77) Bromobenzene	12.50	156	71392	20.523	ug/l	91
78) n-propylbenzene	12.57	91	324795	18.033	ug/l	99
79) 2-Chlorotoluene	12.65	91	201487	18.662	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	240989	18.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	28993	16.642	ug/l	95
82) 4-Chlorotoluene	12.75	91	209840	18.394	ug/l	100
83) tert-Butylbenzene	12.97	119	197341	18.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	237310	18.219	ug/l	98
85) sec-Butylbenzene	13.15	105	257749	18.093	ug/l	97
86) p-Isopropyltoluene	13.26	119	232254	18.484	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	124340	19.285	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	123612	18.857	ug/l	99
89) n-Butylbenzene	13.59	91	199473	17.223	ug/l	99
90) Hexachloroethane	13.85	117	41624	17.397	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	122055	19.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19673	17.254	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64205	17.205	ug/l	98
94) Hexachlorobutadiene	14.98	225	33821	21.892	ug/l	97
95) Naphthalene	15.10	128	201854	16.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	62806	17.419	ug/l	99

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

