

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061689.D
 Acq On : 8 Jun 2020 12:37
 Operator : JC/MD
 Sample : VN0608WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 1:46:15 PM

Quant Time: Jun 09 03:32:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	358736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	568501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	535735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	267964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203327	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	7.54	113	165263	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
50) Toluene-d8	10.06	98	679691	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.37	95	242728	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	73175	18.409	ug/l	100
3) Chloromethane	2.03	50	71907	16.434	ug/l	100
4) Vinyl Chloride	2.16	62	95443	15.918	ug/l	98
5) Bromomethane	2.54	94	63489	18.453	ug/l	98
6) Chloroethane	2.67	64	62989	16.321	ug/l	98
7) Trichlorofluoromethane	2.98	101	134996	17.459	ug/l	98
8) Diethyl Ether	3.37	74	43127	18.241	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65134	18.984	ug/l	97
10) Methyl Iodide	3.91	142	87609	18.394	ug/l	98
11) Tert butyl alcohol	4.73	59	54995	96.736	ug/l	98
12) 1,1-Dichloroethene	3.69	96	62249	16.982	ug/l	94
13) Acrolein	3.56	56	14834	67.730	ug/l	95
14) Allyl chloride	4.27	41	75612	15.778	ug/l	97
15) Acrylonitrile	4.92	53	136988	86.329	ug/l	99
16) Acetone	3.77	43	113193	92.180	ug/l	97
17) Carbon Disulfide	4.01	76	142675	17.691	ug/l	99
18) Methyl Acetate	4.28	43	68276	17.646	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	222731	17.828	ug/l	100
20) Methylene Chloride	4.50	84	72239	17.463	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	70113	16.960	ug/l	92
22) Diisopropyl ether	5.90	45	187890	17.789	ug/l	97
23) Vinyl Acetate	5.84	43	695071	82.565	ug/l	99
24) 1,1-Dichloroethane	5.79	63	116069	17.329	ug/l	98
25) 2-Butanone	6.78	43	166368	82.132	ug/l	99
26) 2,2-Dichloropropane	6.77	77	106863	17.432	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	82901	17.710	ug/l	100
28) Bromochloromethane	7.14	49	51720	19.724	ug/l	98
29) Tetrahydrofuran	7.16	42	108751	81.417	ug/l	98
30) Chloroform	7.32	83	133189	17.974	ug/l	99
31) Cyclohexane	7.61	56	99469	16.513	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	115911	17.167	ug/l	100
36) 1,1-Dichloropropene	7.75	75	90550	17.992	ug/l	98
37) Ethyl Acetate	6.88	43	70224	17.324	ug/l	95
38) Carbon Tetrachloride	7.73	117	94401	19.446	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	104665	16.873	ug/l	97
40) Benzene	8.00	78	287661	18.525	ug/l	98
41) Methacrylonitrile	7.12	41	26402	14.216	ug/l	86
42) 1,2-Dichloroethane	8.08	62	97101	18.678	ug/l	99
43) Isopropyl Acetate	8.12	43	124825	17.116	ug/l	96
44) Trichloroethene	8.80	130	88081	18.457	ug/l	95
45) 1,2-Dichloropropane	9.08	63	69725	18.910	ug/l	100
46) Dibromomethane	9.17	93	54105	19.132	ug/l	97
47) Bromodichloromethane	9.37	83	106542	19.016	ug/l	99
48) Methyl methacrylate	9.16	41	53028	16.162	ug/l	95
49) 1,4-Dioxane	9.16	88	25100	493.803	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	353508	86.019	ug/l	97
52) Toluene	10.12	92	191310	18.876	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111808	18.525	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	120240	18.528	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	78485	19.437	ug/l	97
56) Ethyl methacrylate	10.40	69	101610	18.014	ug/l	98
57) 1,3-Dichloropropane	10.68	76	127294	19.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	217451	90.212	ug/l	98
59) 2-Hexanone	10.72	43	250636	84.920	ug/l	98
60) Dibromochloromethane	10.87	129	88982	19.384	ug/l	99
61) 1,2-Dibromoethane	10.98	107	80973	19.228	ug/l	99
64) Tetrachloroethene	10.60	164	95229	18.884	ug/l	96
65) Chlorobenzene	11.40	112	214788	19.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	81421	19.636	ug/l	100
67) Ethyl Benzene	11.48	91	355975	18.495	ug/l	98
68) m/p-Xylenes	11.59	106	285938	37.467	ug/l	98
69) o-Xylene	11.92	106	138389	19.092	ug/l	96
70) Styrene	11.94	104	223339	18.606	ug/l	99
71) Bromoform	12.10	173	61346	19.200	ug/l #	99
73) Isopropylbenzene	12.22	105	359883	18.401	ug/l	99
74) N-amyl acetate	12.04	43	102285	16.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	99665	18.185	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	97682m	20.047	ug/l	
77) Bromobenzene	12.50	156	97242	19.478	ug/l	96
78) n-propylbenzene	12.56	91	392190	17.962	ug/l	100
79) 2-Chlorotoluene	12.65	91	233529	17.937	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	294832	18.036	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	29858	15.670	ug/l	95
82) 4-Chlorotoluene	12.75	91	245272	17.908	ug/l	99
83) tert-Butylbenzene	12.97	119	255646	17.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	296755	18.274	ug/l	98
85) sec-Butylbenzene	13.15	105	325159	17.471	ug/l	100
86) p-Isopropyltoluene	13.26	119	305095	17.801	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	167299	18.924	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	171970	19.095	ug/l	99
89) n-Butylbenzene	13.59	91	247712	17.255	ug/l	99
90) Hexachloroethane	13.85	117	44393	23.421	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	165655	19.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17538	15.690	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92928	18.808	ug/l	99
94) Hexachlorobutadiene	14.98	225	40510	19.224	ug/l	98
95) Naphthalene	15.10	128	268242	17.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92214	18.982	ug/l	98

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

