

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062208.D
 Acq On : 30 Jun 2020 00:33
 Operator : JC/MD
 Sample : VN0629WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:38 AM

Quant Time: Jun 30 06:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159820	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.55	113	127833	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.06	98	500521	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	163281	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45453	18.246	ug/l	96
3) Chloromethane	2.03	50	63251	20.785	ug/l	99
4) Vinyl Chloride	2.16	62	74255	18.928	ug/l	98
5) Bromomethane	2.53	94	49774	19.631	ug/l	96
6) Chloroethane	2.67	64	52023	19.412	ug/l	97
7) Trichlorofluoromethane	2.98	101	91117	18.849	ug/l	99
8) Diethyl Ether	3.37	74	35750	21.180	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49155	19.418	ug/l	98
10) Methyl Iodide	3.91	142	58149	20.397	ug/l	99
11) Tert butyl alcohol	4.74	59	48860	110.030	ug/l	99
12) 1,1-Dichloroethene	3.69	96	50191	19.834	ug/l	96
13) Acrolein	3.57	56	41272	94.930	ug/l	99
14) Allyl chloride	4.28	41	72110	20.929	ug/l	100
15) Acrylonitrile	4.93	53	135132	111.672	ug/l	99
16) Acetone	3.78	43	107772	108.726	ug/l	97
17) Carbon Disulfide	4.01	76	141253	19.518	ug/l	99
18) Methyl Acetate	4.28	43	53728	21.853	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	171092	21.158	ug/l	100
20) Methylene Chloride	4.50	84	61421	21.510	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	55017	19.084	ug/l	93
22) Diisopropyl ether	5.90	45	169560	21.614	ug/l	96
23) Vinyl Acetate	5.84	43	683806	106.764	ug/l	98
24) 1,1-Dichloroethane	5.80	63	104981	20.782	ug/l	98
25) 2-Butanone	6.79	43	164744	108.977	ug/l	99
26) 2,2-Dichloropropane	6.78	77	69315	16.466	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64034	19.739	ug/l	98
28) Bromochloromethane	7.15	49	42570	19.422	ug/l	95
29) Tetrahydrofuran	7.17	42	111081	112.174	ug/l	98
30) Chloroform	7.33	83	105140	20.457	ug/l	98
31) Cyclohexane	7.61	56	86732	20.298	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	86312	19.913	ug/l	98
36) 1,1-Dichloropropene	7.75	75	76791	18.900	ug/l	98
37) Ethyl Acetate	6.88	43	71503	21.253	ug/l	98
38) Carbon Tetrachloride	7.73	117	72684	18.975	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82142	18.451	ug/l	97
40) Benzene	8.00	78	239433	19.334	ug/l	100
41) Methacrylonitrile	7.13	41	28702	18.401	ug/l #	75
42) 1,2-Dichloroethane	8.09	62	85277	20.381	ug/l	98
43) Isopropyl Acetate	8.13	43	114182	20.819	ug/l	99
44) Trichloroethene	8.80	130	57130	18.288	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62264	20.380	ug/l	98
46) Dibromomethane	9.17	93	40518	19.560	ug/l	98
47) Bromodichloromethane	9.37	83	82353	19.690	ug/l	100
48) Methyl methacrylate	9.17	41	50627	20.587	ug/l	96
49) 1,4-Dioxane	9.17	88	22379	410.366	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	346439	108.114	ug/l	99
52) Toluene	10.12	92	148477	19.650	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86211	18.735	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	94828	19.357	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60025	20.209	ug/l	97
56) Ethyl methacrylate	10.40	69	79888	20.154	ug/l	100
57) 1,3-Dichloropropane	10.68	76	103199	20.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	145834	96.949	ug/l	99
59) 2-Hexanone	10.72	43	250667	108.331	ug/l	99
60) Dibromochloromethane	10.87	129	61141	19.443	ug/l	99
61) 1,2-Dibromoethane	10.98	107	58600	19.201	ug/l	100
64) Tetrachloroethene	10.60	164	47317	18.524	ug/l	98
65) Chlorobenzene	11.41	112	157514	19.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55086	19.399	ug/l	99
67) Ethyl Benzene	11.48	91	267110	19.260	ug/l	99
68) m/p-Xylenes	11.60	106	206502	38.496	ug/l	99
69) o-Xylene	11.92	106	98689	19.499	ug/l	99
70) Styrene	11.94	104	162752	19.282	ug/l	99
71) Bromoform	12.10	173	37569	18.608	ug/l #	98
73) Isopropylbenzene	12.22	105	258579	20.211	ug/l	100
74) N-amyl acetate	12.05	43	87505	20.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	89659	21.059	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75409m	19.381	ug/l	
77) Bromobenzene	12.50	156	60546	19.062	ug/l	94
78) n-propylbenzene	12.57	91	295786	20.212	ug/l	99
79) 2-Chlorotoluene	12.65	91	176444	19.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	211841	20.426	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24872	18.669	ug/l	97
82) 4-Chlorotoluene	12.75	91	180151	19.691	ug/l	100
83) tert-Butylbenzene	12.97	119	180713	20.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	209786	20.253	ug/l	99
85) sec-Butylbenzene	13.15	105	244696	20.864	ug/l	100
86) p-Isopropyltoluene	13.26	119	208291	20.271	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105529	18.920	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	106871	18.588	ug/l	99
89) n-Butylbenzene	13.59	91	166562	19.497	ug/l	99
90) Hexachloroethane	13.85	117	41194	20.433	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	106212	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14707	21.564	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	42989	18.194	ug/l	99
94) Hexachlorobutadiene	14.99	225	20473	19.950	ug/l	97
95) Naphthalene	15.10	128	129450	19.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45517	18.840	ug/l	99

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

