

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063159.D
 Acq On : 1 Sep 2020 16:51
 Operator : JC/MD
 Sample : VN0901WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBS01

Quant Time: Sep 02 04:30:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	440285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	813437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	744971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	330519	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	342021	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.55	113	247824	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.06	98	953791	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.38	95	328748	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	79078	18.237	ug/l	100
3) Chloromethane	2.04	50	117758	18.650	ug/l	96
4) Vinyl Chloride	2.17	62	131131	18.801	ug/l	97
5) Bromomethane	2.54	94	128526	21.892	ug/l	100
6) Chloroethane	2.68	64	111341	20.078	ug/l	98
7) Trichlorofluoromethane	2.98	101	239419	22.781	ug/l	100
8) Diethyl Ether	3.38	74	61759	18.507	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89584	18.897	ug/l	98
10) Methyl Iodide	3.91	142	92580	14.319	ug/l	99
11) Tert butyl alcohol	4.73	59	92325	104.502	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	91401	18.921	ug/l	96
13) Acrolein	3.58	56	14099	55.042	ug/l	89
14) Allyl chloride	4.27	41	159508	18.592	ug/l	95
15) Acrylonitrile	4.93	53	231910	95.215	ug/l	99
16) Acetone	3.78	43	215062	105.113	ug/l	96
17) Carbon Disulfide	4.01	76	253857	17.656	ug/l	99
18) Methyl Acetate	4.28	43	104061	19.836	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	334780	18.682	ug/l	100
20) Methylene Chloride	4.50	84	109459	18.718	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	102060	19.124	ug/l	98
22) Diisopropyl ether	5.90	45	350950	18.255	ug/l	98
23) Vinyl Acetate	5.85	43	1493657	97.369	ug/l	99
24) 1,1-Dichloroethane	5.80	63	199596	18.833	ug/l	99
25) 2-Butanone	6.79	43	332590	104.983	ug/l	98
26) 2,2-Dichloropropane	6.78	77	176365	18.366	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	119720	18.456	ug/l	100
28) Bromochloromethane	7.15	49	93770	16.935	ug/l	99
29) Tetrahydrofuran	7.17	42	220074	100.465	ug/l	99
30) Chloroform	7.33	83	200332	18.067	ug/l	97
31) Cyclohexane	7.62	56	172662	17.342	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	180863	18.929	ug/l	100
36) 1,1-Dichloropropene	7.75	75	145273	18.577	ug/l	95
37) Ethyl Acetate	6.88	43	149150	20.425	ug/l #	96
38) Carbon Tetrachloride	7.73	117	146760	18.506	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	165841	18.877	ug/l	99
40) Benzene	8.00	78	437533	19.040	ug/l	99
41) Methacrylonitrile	7.13	41	66662	20.235	ug/l	95
42) 1,2-Dichloroethane	8.09	62	169863	19.788	ug/l	99
43) Isopropyl Acetate	8.13	43	260799	20.450	ug/l	99
44) Trichloroethene	8.80	130	111499	20.004	ug/l	95
45) 1,2-Dichloropropane	9.08	63	113659	18.681	ug/l	98
46) Dibromomethane	9.18	93	78763	19.534	ug/l	97
47) Bromodichloromethane	9.37	83	165492	19.148	ug/l #	97
48) Methyl methacrylate	9.16	41	114690	19.949	ug/l	98
49) 1,4-Dioxane	9.17	88	37253	418.937	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	746964	107.784	ug/l	98
52) Toluene	10.13	92	284800	19.895	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	172182	18.213	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	184347	18.577	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	108385	19.770	ug/l	98
56) Ethyl methacrylate	10.40	69	162333	19.457	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186394	19.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	407709	94.369	ug/l	99
59) 2-Hexanone	10.72	43	532537	109.341	ug/l	98
60) Dibromochloromethane	10.87	129	115766	19.100	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109631	19.237	ug/l	99
64) Tetrachloroethene	10.60	164	109034	20.382	ug/l	99
65) Chlorobenzene	11.41	112	283722	18.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	104973	18.843	ug/l	95
67) Ethyl Benzene	11.49	91	540987	19.764	ug/l	100
68) m/p-Xylenes	11.60	106	386030	38.078	ug/l	99
69) o-Xylene	11.92	106	191695	19.573	ug/l	99
70) Styrene	11.94	104	318960	18.950	ug/l	100
71) Bromoform	12.10	173	72599	19.203	ug/l #	98
73) Isopropylbenzene	12.23	105	510171	20.125	ug/l	99
74) N-amyl acetate	12.05	43	206925	19.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	146880	20.097	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	130553m	20.104	ug/l	
77) Bromobenzene	12.50	156	112530	19.628	ug/l	99
78) n-propylbenzene	12.57	91	593640	20.237	ug/l	100
79) 2-Chlorotoluene	12.65	91	345370	19.657	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424904	20.137	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	50245	18.701	ug/l	99
82) 4-Chlorotoluene	12.75	91	362896	19.915	ug/l	98
83) tert-Butylbenzene	12.97	119	353951	19.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	431369	20.282	ug/l	97
85) sec-Butylbenzene	13.15	105	475197	20.148	ug/l	99
86) p-Isopropyltoluene	13.27	119	428033	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205588	19.520	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	205608	18.853	ug/l	97
89) n-Butylbenzene	13.59	91	380296	19.659	ug/l	99
90) Hexachloroethane	13.85	117	68374	17.640	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	206932	20.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	31063	19.332	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	110367	19.328	ug/l	97
94) Hexachlorobutadiene	14.98	225	40296	18.891	ug/l	95
95) Naphthalene	15.11	128	354123	18.588	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	106505	19.145	ug/l	99

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

