

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060734.D
 Acq On : 27 Mar 2020 12:14
 Operator : JC/MD
 Sample : VN0327WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01

Quant Time: Mar 30 00:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	319241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136632	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	128851	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
35) Dibromofluoromethane	7.56	113	95653	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
50) Toluene-d8	10.08	98	376548	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	138812	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	33280	17.542	ug/l	100
3) Chloromethane	2.04	50	55309	15.610	ug/l	100
4) Vinyl Chloride	2.17	62	43694	15.766	ug/l	99
5) Bromomethane	2.55	94	22300	18.640	ug/l	96
6) Chloroethane	2.69	64	27782	17.403	ug/l	98
7) Trichlorofluoromethane	3.00	101	60608	17.753	ug/l	99
8) Diethyl Ether	3.38	74	26097	19.029	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36910	18.659	ug/l	100
10) Methyl Iodide	3.93	142	33073	18.789	ug/l	99
11) Tert butyl alcohol	4.72	59	35147	88.790	ug/l	97
12) 1,1-Dichloroethene	3.72	96	36686	17.282	ug/l	96
13) Acrolein	3.57	56	31867	72.637	ug/l	98
14) Allyl chloride	4.29	41	67509	18.082	ug/l	97
15) Acrylonitrile	4.94	53	104441	89.725	ug/l	99
16) Acetone	3.78	43	88368	92.686	ug/l	98
17) Carbon Disulfide	4.03	76	108949	16.875	ug/l	100
18) Methyl Acetate	4.29	43	49275	18.362	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	133131	18.241	ug/l	97
20) Methylene Chloride	4.52	84	42817	18.256	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	39832	17.606	ug/l	99
22) Diisopropyl ether	5.91	45	150003	19.017	ug/l	98
23) Vinyl Acetate	5.86	43	611418	95.002	ug/l	99
24) 1,1-Dichloroethane	5.82	63	79625	18.517	ug/l	100
25) 2-Butanone	6.79	43	137186	88.921	ug/l	98
26) 2,2-Dichloropropane	6.79	77	66221	19.573	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	47255	18.380	ug/l	100
28) Bromochloromethane	7.17	49	41936	20.384	ug/l	99
29) Tetrahydrofuran	7.18	42	94063	86.172	ug/l	99
30) Chloroform	7.34	83	75026	18.200	ug/l	100
31) Cyclohexane	7.63	56	75638	17.448	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	63703	17.926	ug/l	100
36) 1,1-Dichloropropene	7.77	75	57477	18.594	ug/l	99
37) Ethyl Acetate	6.89	43	59979	17.957	ug/l	98
38) Carbon Tetrachloride	7.75	117	50219	18.126	ug/l	100

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39) Methylcyclohexane	9.06	83	69552	18.933	ug/l	99
40) Benzene	8.02	78	173936	18.639	ug/l	99
41) Methacrylonitrile	7.14	41	28189m	19.775	ug/l	
42) 1,2-Dichloroethane	8.10	62	61737	19.359	ug/l	99
43) Isopropyl Acetate	8.14	43	102397	18.589	ug/l	99
44) Trichloroethene	8.81	130	44363	18.858	ug/l	99
45) 1,2-Dichloropropane	9.10	63	47565	19.317	ug/l	99
46) Dibromomethane	9.19	93	28695	19.276	ug/l	99
47) Bromodichloromethane	9.38	83	58984	19.068	ug/l	98
48) Methyl methacrylate	9.18	41	44175	18.012	ug/l	98
49) 1,4-Dioxane	9.18	88	11154	382.620	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	289504	92.357	ug/l	100
52) Toluene	10.14	92	105917	18.794	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	68675	19.327	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74205	19.036	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	41513	19.147	ug/l	97
56) Ethyl methacrylate	10.42	69	61282	18.127	ug/l	97
57) 1,3-Dichloropropane	10.70	76	72749	19.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	146547	87.219	ug/l	99
59) 2-Hexanone	10.74	43	205411	90.969	ug/l	99
60) Dibromochloromethane	10.89	129	42200	18.843	ug/l	100
61) 1,2-Dibromoethane	10.99	107	41743	19.147	ug/l	99
64) Tetrachloroethene	10.62	164	41690	18.166	ug/l	99
65) Chlorobenzene	11.42	112	106510	18.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39266	18.759	ug/l	99
67) Ethyl Benzene	11.50	91	200088	18.611	ug/l	100
68) m/p-Xylenes	11.61	106	146971	36.787	ug/l	98
69) o-Xylene	11.94	106	71050	18.629	ug/l	99
70) Styrene	11.96	104	113296	18.163	ug/l	99
71) Bromoform	12.12	173	28956	17.765	ug/l #	96
73) Isopropylbenzene	12.24	105	188996	18.432	ug/l	100
74) N-amyl acetate	12.06	43	85420	18.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57567	18.565	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	56422m	19.138	ug/l	
77) Bromobenzene	12.52	156	46238	18.714	ug/l	97
78) n-propylbenzene	12.59	91	223126	18.419	ug/l	98
79) 2-Chlorotoluene	12.67	91	132326	18.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	160404	18.434	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	20710	18.041	ug/l	99
82) 4-Chlorotoluene	12.77	91	135749	18.414	ug/l	100
83) tert-Butylbenzene	12.99	119	133942	18.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	161953	18.813	ug/l	100
85) sec-Butylbenzene	13.17	105	180913	18.651	ug/l	99
86) p-Isopropyltoluene	13.28	119	165746	19.003	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82171	18.856	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81560	18.629	ug/l	98
89) n-Butylbenzene	13.61	91	149349	18.965	ug/l	99
90) Hexachloroethane	13.87	117	24449	19.284	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	79117	18.987	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11242	17.133	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49330	19.278	ug/l	100
94) Hexachlorobutadiene	15.01	225	24782	19.756	ug/l	98
95) Naphthalene	15.13	128	140151	18.210	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46529	18.461	ug/l	99

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

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