

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060712.D
 Acq On : 26 Mar 2020 14:18
 Operator : JC/MD
 Sample : L1997-03MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20200315MSD

Manual Integrations
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apatel
 3/27/2020 10:11:26 AM

Quant Time: Mar 27 06:56:03 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	189177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143478	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131019	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.56	113	98490	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.08	98	389618	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	143315	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	90896	49.657	ug/l 99
3) Chloromethane	2.04	50	159490	46.652	ug/l 100
4) Vinyl Chloride	2.17	62	127916	47.838	ug/l 98
5) Bromomethane	2.55	94	60479	52.394	ug/l 98
6) Chloroethane	2.69	64	79180	51.405	ug/l 98
7) Trichlorofluoromethane	3.00	101	164591	49.968	ug/l 99
8) Diethyl Ether	3.38	74	69239	52.326	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94435	49.477	ug/l 99
10) Methyl Iodide	3.93	142	89960	52.969	ug/l 100
11) Tert butyl alcohol	4.72	59	98808	258.706	ug/l 100
12) 1,1-Dichloroethene	3.72	96	105310	51.416	ug/l 100
13) Acrolein	3.57	56	120436	284.521	ug/l 99
14) Allyl chloride	4.29	41	173833	48.256	ug/l 98
15) Acrylonitrile	4.94	53	302577	269.411	ug/l 99
16) Acetone	3.78	43	244274	265.544	ug/l 99
17) Carbon Disulfide	4.03	76	301536	48.407	ug/l 100
18) Methyl Acetate	4.28	43	120869	46.681	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	358978	50.977	ug/l 97
20) Methylene Chloride	4.52	84	114931	50.789	ug/l 100
21) trans-1,2-Dichloroethene	5.01	96	110236	50.499	ug/l 95
22) Diisopropyl ether	5.91	45	408250	53.642	ug/l 95
23) Vinyl Acetate	5.86	43	1426974	229.800	ug/l 99
24) 1,1-Dichloroethane	5.82	63	229836	55.396	ug/l 99
25) 2-Butanone	6.80	43	395848	265.927	ug/l 99
26) 2,2-Dichloropropane	6.80	77	121074	37.090	ug/l 98
27) cis-1,2-Dichloroethene	6.80	96	135628	54.675	ug/l 98
28) Bromochloromethane	7.17	49	102876	51.826	ug/l 100
29) Tetrahydrofuran	7.18	42	271826	258.092	ug/l 99
30) Chloroform	7.35	83	208048	52.307	ug/l 100
31) Cyclohexane	7.63	56	202215	48.345	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	180969	52.779	ug/l 100
36) 1,1-Dichloropropene	7.77	75	157841	49.312	ug/l 99
37) Ethyl Acetate	6.89	43	147452	42.633	ug/l 99
38) Carbon Tetrachloride	7.75	117	144342	50.314	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	181253	47.650	ug/l	98
40) Benzene	8.02	78	478795	49.551	ug/l	100
41) Methacrylonitrile	7.15	41	79169m	53.636	ug/l	
42) 1,2-Dichloroethane	8.10	62	163420	49.488	ug/l	100
43) Isopropyl Acetate	8.14	43	264343	46.344	ug/l	99
44) Trichloroethene	8.82	130	166513	68.359	ug/l	96
45) 1,2-Dichloropropane	9.10	63	129893	50.945	ug/l	100
46) Dibromomethane	9.19	93	77645	50.372	ug/l	99
47) Bromodichloromethane	9.39	83	160511	50.111	ug/l	100
48) Methyl methacrylate	9.18	41	127728	50.296	ug/l	98
49) 1,4-Dioxane	9.18	88	29978	993.125	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	840356	258.907	ug/l	100
52) Toluene	10.14	92	291346	49.926	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	177845	48.336	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	189364	46.914	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	111211	49.537	ug/l	98
56) Ethyl methacrylate	10.42	69	178619	51.026	ug/l	99
57) 1,3-Dichloropropane	10.70	76	196839	50.526	ug/l	99
59) 2-Hexanone	10.74	43	611655	261.603	ug/l	100
60) Dibromochloromethane	10.89	129	119016	51.322	ug/l	99
61) 1,2-Dibromoethane	10.99	107	114591	50.760	ug/l	99
64) Tetrachloroethene	10.62	164	111879	46.976	ug/l	99
65) Chlorobenzene	11.43	112	293954	48.994	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	109650	50.476	ug/l	98
67) Ethyl Benzene	11.50	91	553444	49.602	ug/l	99
68) m/p-Xylenes	11.62	106	403468	97.310	ug/l	99
69) o-Xylene	11.94	106	197602	49.924	ug/l	99
70) Styrene	11.96	104	323059	49.906	ug/l	99
71) Bromoform	12.12	173	85138	47.251	ug/l #	100
73) Isopropylbenzene	12.24	105	521388	48.423	ug/l	100
74) N-amyl acetate	12.06	43	214183	43.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162390	49.872	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	146915m	47.454	ug/l	
77) Bromobenzene	12.52	156	125107	48.219	ug/l	99
78) n-propylbenzene	12.59	91	613708	48.243	ug/l	99
79) 2-Chlorotoluene	12.67	91	362567	47.701	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	441242	48.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	52424	43.489	ug/l	100
82) 4-Chlorotoluene	12.77	91	371037	47.929	ug/l	100
83) tert-Butylbenzene	12.99	119	371483	49.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	440322	48.709	ug/l	100
85) sec-Butylbenzene	13.17	105	495599	48.656	ug/l	100
86) p-Isopropyltoluene	13.28	119	441076	48.156	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	223304	48.798	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	222730	48.445	ug/l	100
89) n-Butylbenzene	13.61	91	392995	47.523	ug/l	100
90) Hexachloroethane	13.87	117	67798	50.923	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218177	49.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34301	50.295	ug/l	95
93) 1,2,4-Trichlorobenzene	14.90	180	134190	49.940	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	62600	47.523	ug/l	99
95) Naphthalene	15.13	128	403523	49.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	129298	48.853	ug/l	99

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

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