

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060248.D
 Acq On : 26 Feb 2020 14:02
 Operator : JC/MD
 Sample : VN0226WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 9:40:56 AM

Quant Time: Feb 27 05:17:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135686	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.57	113	96925	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.08	98	392509	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	148000	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38387	18.999	ug/l	99
3) Chloromethane	2.04	50	63808	26.537	ug/l	99
4) Vinyl Chloride	2.16	62	53969	19.691	ug/l	100
5) Bromomethane	2.55	94	20849	12.406	ug/l	99
6) Chloroethane	2.68	64	29146	21.025	ug/l	93
7) Trichlorofluoromethane	3.00	101	68765	19.460	ug/l	98
8) Diethyl Ether	3.38	74	26965	22.924	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39307	20.036	ug/l	98
10) Methyl Iodide	3.93	142	37315	15.938	ug/l	99
11) Tert butyl alcohol	4.72	59	39702	107.861	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	38460	20.124	ug/l	93
13) Acrolein	3.58	56	33866	93.082	ug/l	96
14) Allyl chloride	4.29	41	66093	23.496	ug/l	93
15) Acrylonitrile	4.94	53	106954	118.982	ug/l	99
16) Acetone	3.78	43	84275	78.548	ug/l	99
17) Carbon Disulfide	4.03	76	106455	18.480	ug/l	99
18) Methyl Acetate	4.29	43	57311	28.436	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	143369	22.307	ug/l	99
20) Methylene Chloride	4.52	84	45557	21.283	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	41792	20.060	ug/l	95
22) Diisopropyl ether	5.91	45	145977	23.679	ug/l	94
23) Vinyl Acetate	5.86	43	601290	116.146	ug/l	97
24) 1,1-Dichloroethane	5.81	63	82236	22.020	ug/l	100
25) 2-Butanone	6.80	43	139526	103.400	ug/l	94
26) 2,2-Dichloropropane	6.80	77	72397	20.410	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49200	20.179	ug/l	96
28) Bromochloromethane	7.17	49	36371	24.772	ug/l	88
29) Tetrahydrofuran	7.18	42	96298	116.328	ug/l	94
30) Chloroform	7.35	83	82287	21.034	ug/l	99
31) Cyclohexane	7.63	56	72646	20.882	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	72062	20.157	ug/l	99
36) 1,1-Dichloropropene	7.77	75	60582	20.053	ug/l	98
37) Ethyl Acetate	6.89	43	61611	22.565	ug/l	99
38) Carbon Tetrachloride	7.75	117	59444	18.117	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	71698	19.118	ug/l	97
40) Benzene	8.02	78	179832	20.067	ug/l	98
41) Methacrylonitrile	7.15	41	26224m	22.902	ug/l	
42) 1,2-Dichloroethane	8.10	62	67585	21.517	ug/l	99
43) Isopropyl Acetate	8.14	43	105871	22.683	ug/l	97
44) Trichloroethene	8.82	130	50556	20.374	ug/l	97
45) 1,2-Dichloropropane	9.10	63	48615	21.911	ug/l	99
46) Dibromomethane	9.19	93	30875	19.692	ug/l	99
47) Bromodichloromethane	9.39	83	62388	19.572	ug/l	99
48) Methyl methacrylate	9.18	41	46910	22.401	ug/l	94
49) 1,4-Dioxane	9.18	88	14339	400.759	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	304191	112.598	ug/l	98
52) Toluene	10.14	92	114066	19.848	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	75109	20.875	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79242	20.915	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	46884	20.912	ug/l	97
56) Ethyl methacrylate	10.42	69	67246	21.203	ug/l	96
57) 1,3-Dichloropropane	10.70	76	76178	20.592	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	167513	113.373	ug/l	97
59) 2-Hexanone	10.74	43	219981	105.411	ug/l	99
60) Dibromochloromethane	10.89	129	46601	18.113	ug/l	99
61) 1,2-Dibromoethane	11.00	107	46497	19.784	ug/l	99
64) Tetrachloroethene	10.62	164	54203	23.358	ug/l	99
65) Chlorobenzene	11.43	112	119986	19.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	44947	19.105	ug/l	98
67) Ethyl Benzene	11.51	91	221134	19.715	ug/l	99
68) m/p-Xylenes	11.62	106	166071	39.449	ug/l	99
69) o-Xylene	11.94	106	79710	19.665	ug/l	97
70) Styrene	11.96	104	129852	19.866	ug/l	99
71) Bromoform	12.12	173	32173	17.002	ug/l #	100
73) Isopropylbenzene	12.25	105	214765	19.011	ug/l	99
74) N-amyl acetate	12.07	43	94530	23.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59844	18.404	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	61172m	21.135	ug/l	
77) Bromobenzene	12.52	156	51787	18.472	ug/l	89
78) n-propylbenzene	12.59	91	252378	19.608	ug/l	99
79) 2-Chlorotoluene	12.67	91	146306	19.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	183846	19.573	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23702	20.051	ug/l	97
82) 4-Chlorotoluene	12.77	91	154667	19.927	ug/l	98
83) tert-Butylbenzene	12.99	119	154961	18.649	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	182765	19.711	ug/l	99
85) sec-Butylbenzene	13.17	105	210248	19.106	ug/l	100
86) p-Isopropyltoluene	13.29	119	192960	19.354	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	96614	19.468	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	96533	19.456	ug/l	98
89) n-Butylbenzene	13.61	91	176851	20.167	ug/l	99
90) Hexachloroethane	13.87	117	26215	14.074	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	92466	19.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13734	19.392	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	63606	22.289	ug/l	99
94) Hexachlorobutadiene	15.01	225	29261	17.515	ug/l	98
95) Naphthalene	15.13	128	189365	24.566	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	60224	21.192	ug/l	99

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

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