

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061895.D
 Acq On : 18 Jun 2020 13:14
 Operator : JC/MD
 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:03:35 PM

Quant Time: Jun 19 05:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	250266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94933	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	7.55	113	80367	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.06	98	304588	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	99124	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39449	21.164	ug/l	99
3) Chloromethane	2.03	50	41002	20.455	ug/l	98
4) Vinyl Chloride	2.16	62	51101	21.384	ug/l	97
5) Bromomethane	2.53	94	35407	19.295	ug/l	97
6) Chloroethane	2.67	64	34285	21.199	ug/l	97
7) Trichlorofluoromethane	2.98	101	54157	18.973	ug/l	97
8) Diethyl Ether	3.38	74	19740	20.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31177	21.290	ug/l	99
10) Methyl Iodide	3.91	142	34408	22.717	ug/l	97
11) Tert butyl alcohol	4.73	59	26102	97.392	ug/l #	94
12) 1,1-Dichloroethene	3.70	96	29518	20.117	ug/l	95
13) Acrolein	3.57	56	12712	79.359	ug/l	97
14) Allyl chloride	4.27	41	38042	19.535	ug/l	99
15) Acrylonitrile	4.93	53	70987	106.894	ug/l	99
16) Acetone	3.78	43	56641	99.007	ug/l	99
17) Carbon Disulfide	4.01	76	84735	19.737	ug/l	100
18) Methyl Acetate	4.28	43	34371	20.868	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100265	20.523	ug/l	100
20) Methylene Chloride	4.50	84	36700	19.690	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	34184	20.283	ug/l	99
22) Diisopropyl ether	5.90	45	88648	19.904	ug/l	95
23) Vinyl Acetate	5.84	43	352131	100.524	ug/l	99
24) 1,1-Dichloroethane	5.80	63	58919	20.209	ug/l	99
25) 2-Butanone	6.79	43	86526	103.664	ug/l	100
26) 2,2-Dichloropropane	6.78	77	48423	19.741	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	38647	19.874	ug/l	99
28) Bromochloromethane	7.15	49	25899	19.951	ug/l	97
29) Tetrahydrofuran	7.17	42	57726	105.088	ug/l	99
30) Chloroform	7.33	83	61996	19.896	ug/l	98
31) Cyclohexane	7.61	56	48358	18.947	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	51774	19.510	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44072	19.307	ug/l	99
37) Ethyl Acetate	6.88	43	37125	20.827	ug/l	99
38) Carbon Tetrachloride	7.73	117	46139	20.411	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47413	19.289	ug/l	97
40) Benzene	8.00	78	137320	19.859	ug/l	97
41) Methacrylonitrile	7.12	41	12435	16.314	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48125	20.411	ug/l	98
43) Isopropyl Acetate	8.13	43	60059	19.993	ug/l #	90
44) Trichloroethene	8.80	130	36890	20.271	ug/l	94
45) 1,2-Dichloropropane	9.08	63	34298	20.183	ug/l	98
46) Dibromomethane	9.18	93	24398	20.389	ug/l	98
47) Bromodichloromethane	9.37	83	49236	20.094	ug/l	99
48) Methyl methacrylate	9.17	41	26369	19.302	ug/l	97
49) 1,4-Dioxane	9.17	88	13204	420.982	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	184209	103.768	ug/l	100
52) Toluene	10.12	92	88097	20.286	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	51164	19.669	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	56499	19.997	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	35882	21.000	ug/l	98
56) Ethyl methacrylate	10.40	69	45276	19.243	ug/l	99
57) 1,3-Dichloropropane	10.68	76	58965	20.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	82939	91.974	ug/l	99
59) 2-Hexanone	10.72	43	130850	100.722	ug/l	99
60) Dibromochloromethane	10.87	129	38794	20.347	ug/l	100
61) 1,2-Dibromoethane	10.98	107	36568	20.496	ug/l	99
64) Tetrachloroethene	10.60	164	30692	20.566	ug/l	97
65) Chlorobenzene	11.41	112	95702	19.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	34572	20.063	ug/l	98
67) Ethyl Benzene	11.48	91	159480	19.252	ug/l	97
68) m/p-Xylenes	11.60	106	127816	40.014	ug/l	97
69) o-Xylene	11.92	106	60229	19.761	ug/l	100
70) Styrene	11.94	104	100018	19.599	ug/l	99
71) Bromoform	12.10	173	25155	20.021	ug/l #	99
73) Isopropylbenzene	12.22	105	156089	20.277	ug/l	99
74) N-amyl acetate	12.04	43	48275	19.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	52083	20.811	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	45542m	21.414	ug/l	
77) Bromobenzene	12.50	156	39487	20.333	ug/l	98
78) n-propylbenzene	12.57	91	173426	19.745	ug/l	99
79) 2-Chlorotoluene	12.65	91	107377	20.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	129604	20.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15055	19.308	ug/l	95
82) 4-Chlorotoluene	12.75	91	107164	19.660	ug/l	99
83) tert-Butylbenzene	12.97	119	110915	20.544	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	131103	20.855	ug/l	100
85) sec-Butylbenzene	13.15	105	144115	20.394	ug/l	98
86) p-Isopropyltoluene	13.26	119	129468	20.560	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	68553	19.354	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	69190	19.084	ug/l	98
89) n-Butylbenzene	13.59	91	100077	19.030	ug/l	98
90) Hexachloroethane	13.85	117	22894	19.862	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	68731	20.156	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8120	19.985	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30311	18.838	ug/l	100
94) Hexachlorobutadiene	14.98	225	12490	19.709	ug/l	96
95) Naphthalene	15.10	128	87521	18.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	31823	19.970	ug/l	99

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

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