

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062158.D
 Acq On : 26 Jun 2020 23:27
 Operator : JC/MD
 Sample : VN0626WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:54 PM

Quant Time: Jun 27 06:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158564	47.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.54%	
35) Dibromofluoromethane	7.55	113	129029	47.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.06%	
50) Toluene-d8	10.06	98	504043	45.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.38	95	165596	44.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	46265	17.122	ug/l	99
3) Chloromethane	2.03	50	62315	18.753	ug/l	96
4) Vinyl Chloride	2.16	62	72833	17.116	ug/l	99
5) Bromomethane	2.53	94	51924	18.880	ug/l	98
6) Chloroethane	2.67	64	49632	17.074	ug/l	97
7) Trichlorofluoromethane	2.98	101	90887	17.334	ug/l	99
8) Diethyl Ether	3.37	74	35450	19.362	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46731	17.019	ug/l	95
10) Methyl Iodide	3.91	142	58507	18.920	ug/l	99
11) Tert butyl alcohol	4.73	59	46063	95.632	ug/l	98
12) 1,1-Dichloroethene	3.70	96	50089	18.248	ug/l	95
13) Acrolein	3.57	56	34950	74.112	ug/l	99
14) Allyl chloride	4.27	41	68002	18.196	ug/l	99
15) Acrylonitrile	4.93	53	122304	93.179	ug/l	98
16) Acetone	3.78	43	96735	89.261	ug/l	95
17) Carbon Disulfide	4.01	76	137511	17.523	ug/l	99
18) Methyl Acetate	4.28	43	48935	18.350	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	169106	19.280	ug/l	98
20) Methylene Chloride	4.50	84	60303	19.449	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	55081	17.614	ug/l	97
22) Diisopropyl ether	5.90	45	158063	18.575	ug/l	97
23) Vinyl Acetate	5.84	43	641578	92.349	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98540	17.984	ug/l	99
25) 2-Butanone	6.79	43	147319	89.842	ug/l	99
26) 2,2-Dichloropropane	6.78	77	65427	14.329	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64604	18.360	ug/l	97
28) Bromochloromethane	7.15	49	41917	17.631	ug/l	100
29) Tetrahydrofuran	7.17	42	98156	91.383	ug/l	98
30) Chloroform	7.33	83	100069	17.950	ug/l	98
31) Cyclohexane	7.61	56	83708	18.060	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	87012	18.507	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75353	17.529	ug/l	99
37) Ethyl Acetate	6.89	43	64499	18.119	ug/l	99
38) Carbon Tetrachloride	7.73	117	72558	17.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83286	17.682	ug/l	96
40) Benzene	8.00	78	229431	17.510	ug/l	100
41) Methacrylonitrile	7.12	41	23613	14.308	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	78233	17.672	ug/l	100
43) Isopropyl Acetate	8.13	43	103826	17.892	ug/l	99
44) Trichloroethene	8.80	130	59330	17.951	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58243	18.018	ug/l	99
46) Dibromomethane	9.17	93	38756	17.683	ug/l	98
47) Bromodichloromethane	9.37	83	79310	17.922	ug/l	99
48) Methyl methacrylate	9.17	41	45812	17.608	ug/l	97
49) 1,4-Dioxane	9.17	88	20096	348.291	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	316944	93.484	ug/l	100
52) Toluene	10.12	92	147152	18.406	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	82387	16.922	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93239	17.988	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57228	18.210	ug/l	99
56) Ethyl methacrylate	10.40	69	77274	18.425	ug/l	100
57) 1,3-Dichloropropane	10.68	76	97990	18.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	141791	90.396	ug/l	100
59) 2-Hexanone	10.72	43	223013	91.094	ug/l	99
60) Dibromochloromethane	10.87	129	59729	17.952	ug/l	99
61) 1,2-Dibromoethane	10.98	107	59281	18.358	ug/l	99
64) Tetrachloroethene	10.60	164	48089	17.947	ug/l	98
65) Chlorobenzene	11.41	112	156692	18.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	54576	18.323	ug/l	99
67) Ethyl Benzene	11.48	91	266265	18.303	ug/l	100
68) m/p-Xylenes	11.60	106	208225	37.006	ug/l	99
69) o-Xylene	11.92	106	99444	18.731	ug/l	99
70) Styrene	11.94	104	161769	18.271	ug/l	100
71) Bromoform	12.10	173	39286	18.551	ug/l #	96
73) Isopropylbenzene	12.22	105	260776	19.208	ug/l	100
74) N-amyl acetate	12.05	43	81500	18.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83206	18.417	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	67465m	16.340	ug/l	
77) Bromobenzene	12.50	156	62225	18.461	ug/l	98
78) n-propylbenzene	12.57	91	287769	18.531	ug/l	100
79) 2-Chlorotoluene	12.65	91	176450	18.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	211335	19.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	22663	16.030	ug/l	98
82) 4-Chlorotoluene	12.75	91	177561	18.290	ug/l	100
83) tert-Butylbenzene	12.97	119	184851	19.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	209491	19.059	ug/l	100
85) sec-Butylbenzene	13.15	105	241087	19.371	ug/l	98
86) p-Isopropyltoluene	13.26	119	212026	19.445	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	108066	18.259	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107432	17.609	ug/l	98
89) n-Butylbenzene	13.59	91	166053	18.318	ug/l	99
90) Hexachloroethane	13.85	117	39715	18.564	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	108732	18.945	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13807	19.077	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46309	18.470	ug/l	98
94) Hexachlorobutadiene	14.98	225	21118	19.393	ug/l	98
95) Naphthalene	15.10	128	134558	18.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	47794	18.643	ug/l	99

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

