

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063078.D
 Acq On : 21 Aug 2020 14:15
 Operator : JC/MD
 Sample : VN0821WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:25 PM

Quant Time: Aug 22 01:34:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107664	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	97002	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	7.55	113	80283	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.06	98	302142	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.38	95	104366	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	41738	19.836	ug/l	94
3) Chloromethane	2.03	50	45132	20.265	ug/l	96
4) Vinyl Chloride	2.16	62	44147	20.498	ug/l	99
5) Bromomethane	2.53	94	26807	20.970	ug/l	98
6) Chloroethane	2.67	64	26332	20.708	ug/l	96
7) Trichlorofluoromethane	2.98	101	52968	19.721	ug/l	99
8) Diethyl Ether	3.37	74	18084	19.032	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28005	19.350	ug/l	98
10) Methyl Iodide	3.91	142	33381	18.196	ug/l	98
11) Tert butyl alcohol	4.74	59	23729	87.024	ug/l	98
12) 1,1-Dichloroethene	3.70	96	24009	17.414	ug/l	94
13) Acrolein	3.57	56	4532	53.054	ug/l	97
14) Allyl chloride	4.27	41	46048	18.942	ug/l	99
15) Acrylonitrile	4.93	53	80138	99.993	ug/l	99
16) Acetone	3.78	43	63457	103.409	ug/l	99
17) Carbon Disulfide	4.01	76	63257	17.519	ug/l	99
18) Methyl Acetate	4.28	43	39271	20.528	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	94976	19.753	ug/l	95
20) Methylene Chloride	4.50	84	34855	19.728	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	26203	18.161	ug/l	94
22) Diisopropyl ether	5.90	45	114313	20.722	ug/l	97
23) Vinyl Acetate	5.85	43	352823	94.780	ug/l	100
24) 1,1-Dichloroethane	5.80	63	60236	19.540	ug/l	98
25) 2-Butanone	6.79	43	96477	94.399	ug/l	100
26) 2,2-Dichloropropane	6.77	77	47857	19.741	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34004	18.803	ug/l	98
28) Bromochloromethane	7.15	49	31079	19.269	ug/l	98
29) Tetrahydrofuran	7.17	42	64397	97.630	ug/l	99
30) Chloroform	7.33	83	61018	19.654	ug/l	99
31) Cyclohexane	7.62	56	51774	18.248	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	49159	19.395	ug/l	98
36) 1,1-Dichloropropene	7.75	75	39945	18.873	ug/l	100
37) Ethyl Acetate	6.88	43	37248	18.782	ug/l	100
38) Carbon Tetrachloride	7.73	117	41198	19.280	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	47230	17.574	ug/l	96
40) Benzene	8.00	78	131326	19.563	ug/l	100
41) Methacrylonitrile	7.13	41	16668	17.640	ug/l #	72
42) 1,2-Dichloroethane	8.08	62	46479	20.621	ug/l	100
43) Isopropyl Acetate	8.13	43	63961	19.467	ug/l	99
44) Trichloroethene	8.80	130	31653	18.956	ug/l	94
45) 1,2-Dichloropropane	9.08	63	38688	19.938	ug/l	99
46) Dibromomethane	9.18	93	22756	20.300	ug/l	99
47) Bromodichloromethane	9.37	83	49595	20.200	ug/l	100
48) Methyl methacrylate	9.17	41	29880	19.221	ug/l	98
49) 1,4-Dioxane	9.17	88	11641	350.381	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	211175	101.685	ug/l	97
52) Toluene	10.12	92	80521	19.884	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	51038	20.102	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	55571	19.952	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	35169	20.311	ug/l	98
56) Ethyl methacrylate	10.40	69	46313	18.456	ug/l	97
57) 1,3-Dichloropropane	10.68	76	57373	19.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	46309	79.952	ug/l	99
59) 2-Hexanone	10.72	43	144679	99.875	ug/l	97
60) Dibromochloromethane	10.87	129	38405	20.042	ug/l	98
61) 1,2-Dibromoethane	10.98	107	34002	20.437	ug/l	97
64) Tetrachloroethene	10.60	164	29312	19.548	ug/l	96
65) Chlorobenzene	11.41	112	88331	19.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35287	19.803	ug/l	99
67) Ethyl Benzene	11.48	91	149436	19.305	ug/l	100
68) m/p-Xylenes	11.60	106	114009	39.627	ug/l	99
69) o-Xylene	11.92	106	53527	19.374	ug/l	99
70) Styrene	11.94	104	94575	18.510	ug/l	99
71) Bromoform	12.10	173	27462	19.362	ug/l #	98
73) Isopropylbenzene	12.22	105	144790	19.638	ug/l	100
74) N-amyl acetate	12.05	43	53744	20.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51474	20.647	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	42145m	20.139	ug/l	
77) Bromobenzene	12.50	156	40369	19.908	ug/l	99
78) n-propylbenzene	12.57	91	170068	20.237	ug/l	100
79) 2-Chlorotoluene	12.65	91	103506	19.582	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	123612	20.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15294	20.071	ug/l	98
82) 4-Chlorotoluene	12.75	91	107292	19.934	ug/l	98
83) tert-Butylbenzene	12.97	119	104584	19.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	119986	20.208	ug/l	99
85) sec-Butylbenzene	13.15	105	141558	19.911	ug/l	100
86) p-Isopropyltoluene	13.26	119	120360	19.430	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68983	19.795	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	67825	19.176	ug/l	98
89) n-Butylbenzene	13.59	91	93528	17.818	ug/l	99
90) Hexachloroethane	13.85	117	25049	19.025	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	68031	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7884	21.233	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28180	18.275	ug/l	99
94) Hexachlorobutadiene	14.98	225	22380	17.992	ug/l	99
95) Naphthalene	15.11	128	59009	17.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28381	18.251	ug/l	97

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

