

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063478.D
 Acq On : 21 Sep 2020 12:06
 Operator : JC/MD
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:03 PM

Quant Time: Sep 22 02:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	287758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	241214	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	167279	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.06	98	646540	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.38	95	246382	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59077	18.122	ug/l	99
3) Chloromethane	2.04	50	67915	15.748	ug/l	96
4) Vinyl Chloride	2.16	62	67654	17.706	ug/l	98
5) Bromomethane	2.53	94	46468	20.483	ug/l	97
6) Chloroethane	2.67	64	40675	17.342	ug/l	99
7) Trichlorofluoromethane	2.98	101	108308	18.999	ug/l	99
8) Diethyl Ether	3.37	74	40899	18.404	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60828	18.973	ug/l	97
10) Methyl Iodide	3.91	142	72123	17.279	ug/l	98
11) Tert butyl alcohol	4.72	59	63768	93.970	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57767	17.789	ug/l	97
13) Acrolein	3.57	56	21201	84.305	ug/l	95
14) Allyl chloride	4.28	41	111210	17.314	ug/l	99
15) Acrylonitrile	4.93	53	155233	89.931	ug/l	98
16) Acetone	3.77	43	137979	87.647	ug/l	97
17) Carbon Disulfide	4.01	76	160927	17.037	ug/l	99
18) Methyl Acetate	4.28	43	75756	18.956	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211673	17.489	ug/l	100
20) Methylene Chloride	4.50	84	69745	17.486	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	62201	17.289	ug/l	99
22) Diisopropyl ether	5.90	45	228645	17.454	ug/l	99
23) Vinyl Acetate	5.84	43	949998	88.300	ug/l	99
24) 1,1-Dichloroethane	5.80	63	127984	17.895	ug/l	99
25) 2-Butanone	6.78	43	215633	89.061	ug/l	98
26) 2,2-Dichloropropane	6.77	77	112390	17.848	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74861	18.383	ug/l	100
28) Bromochloromethane	7.15	49	58313	17.658	ug/l	99
29) Tetrahydrofuran	7.16	42	143037	86.500	ug/l	98
30) Chloroform	7.33	83	130204	18.145	ug/l	99
31) Cyclohexane	7.61	56	113384	16.760	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	114232	17.899	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96528	18.531	ug/l	99
37) Ethyl Acetate	6.88	43	94477	18.480	ug/l	99
38) Carbon Tetrachloride	7.73	117	97235	18.286	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101158	17.893	ug/l	97
40) Benzene	8.00	78	272078	18.297	ug/l	100
41) Methacrylonitrile	7.13	41	42676m	18.560	ug/l	
42) 1,2-Dichloroethane	8.08	62	110844	18.536	ug/l	99
43) Isopropyl Acetate	8.12	43	158874	17.379	ug/l	99
44) Trichloroethene	8.80	130	69484	19.266	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75538	18.652	ug/l	99
46) Dibromomethane	9.17	93	50531	18.983	ug/l	98
47) Bromodichloromethane	9.37	83	102042	18.453	ug/l	99
48) Methyl methacrylate	9.16	41	78960	17.580	ug/l	97
49) 1,4-Dioxane	9.17	88	27185	421.777	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	472779	92.379	ug/l	100
52) Toluene	10.12	92	170102	19.026	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113181	18.333	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118201	18.152	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67472	19.000	ug/l	94
56) Ethyl methacrylate	10.40	69	101631	18.333	ug/l	97
57) 1,3-Dichloropropane	10.68	76	117049	18.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	258540	88.902	ug/l	98
59) 2-Hexanone	10.72	43	344638	92.952	ug/l	98
60) Dibromochloromethane	10.87	129	74819	18.649	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71067	19.263	ug/l	99
64) Tetrachloroethene	10.60	164	62921	20.726	ug/l	97
65) Chlorobenzene	11.41	112	179470	18.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66253	19.098	ug/l	96
67) Ethyl Benzene	11.48	91	333300	18.701	ug/l	99
68) m/p-Xylenes	11.59	106	245361	38.183	ug/l	99
69) o-Xylene	11.92	106	118082	19.290	ug/l	99
70) Styrene	11.94	104	195661	19.060	ug/l	98
71) Bromoform	12.10	173	48194	18.648	ug/l #	97
73) Isopropylbenzene	12.22	105	319397	18.800	ug/l	100
74) N-amyl acetate	12.05	43	139063	17.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96781	18.398	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	91362m	17.410	ug/l	
77) Bromobenzene	12.50	156	73985	19.359	ug/l	97
78) n-propylbenzene	12.57	91	371106	18.754	ug/l	99
79) 2-Chlorotoluene	12.65	91	224264	18.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272044	19.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	34472	18.010	ug/l	98
82) 4-Chlorotoluene	12.75	91	230465	18.388	ug/l	100
83) tert-Butylbenzene	12.97	119	223184	19.087	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	272622	19.051	ug/l	99
85) sec-Butylbenzene	13.14	105	295654	18.890	ug/l	99
86) p-Isopropyltoluene	13.26	119	265787	19.253	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	134785	19.028	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136500	18.954	ug/l	99
89) n-Butylbenzene	13.59	91	244931	19.249	ug/l	100
90) Hexachloroethane	13.85	117	47398	18.031	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	134226	19.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23121	18.457	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	78898	19.244	ug/l	99
94) Hexachlorobutadiene	14.98	225	36175	21.313	ug/l	98
95) Naphthalene	15.10	128	248868	18.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	75183	18.979	ug/l	98

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

