

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063212.D
 Acq On : 3 Sep 2020 12:00
 Operator : JC/MD
 Sample : VN0903WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 11:14:32 AM

Quant Time: Sep 04 04:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	365854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	671985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	616060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	290087	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.55	113	211638	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.06	98	800355	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.38	95	279620	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64342	17.858	ug/l	100
3) Chloromethane	2.04	50	88117	16.795	ug/l	99
4) Vinyl Chloride	2.17	62	104091	17.961	ug/l	97
5) Bromomethane	2.54	94	96974	19.878	ug/l	98
6) Chloroethane	2.68	64	88224	19.146	ug/l	99
7) Trichlorofluoromethane	2.98	101	160421	17.559	ug/l	96
8) Diethyl Ether	3.37	74	50431	18.187	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	73909	18.762	ug/l	98
10) Methyl Iodide	3.91	142	89527	16.664	ug/l #	94
11) Tert butyl alcohol	4.73	59	72456	98.697	ug/l	99
12) 1,1-Dichloroethene	3.70	96	70486	17.560	ug/l	94
13) Acrolein	3.57	56	18384	77.397	ug/l	92
14) Allyl chloride	4.27	41	131155	18.398	ug/l	97
15) Acrylonitrile	4.93	53	189716	93.775	ug/l	99
16) Acetone	3.77	43	161414	94.942	ug/l	100
17) Carbon Disulfide	4.01	76	201029	16.826	ug/l	100
18) Methyl Acetate	4.28	43	91278	20.939	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	274005	18.401	ug/l	98
20) Methylene Chloride	4.50	84	90663	18.657	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	81896	18.467	ug/l	94
22) Diisopropyl ether	5.90	45	293562	18.376	ug/l	95
23) Vinyl Acetate	5.84	43	1189828	93.343	ug/l	100
24) 1,1-Dichloroethane	5.80	63	161872	18.380	ug/l	97
25) 2-Butanone	6.78	43	267279	101.531	ug/l	98
26) 2,2-Dichloropropane	6.78	77	139378	17.468	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	97796	18.143	ug/l	98
28) Bromochloromethane	7.15	49	83561	18.161	ug/l	98
29) Tetrahydrofuran	7.16	42	173593	95.368	ug/l	98
30) Chloroform	7.33	83	168165	18.251	ug/l	97
31) Cyclohexane	7.61	56	140430	16.935	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	145253	18.294	ug/l	98
36) 1,1-Dichloropropene	7.75	75	119629	18.518	ug/l	99
37) Ethyl Acetate	6.88	43	114017	18.929	ug/l #	95
38) Carbon Tetrachloride	7.73	117	124078	18.939	ug/l	94

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Quant Time: Sep 04 04:23:46 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	131763	18.156	ug/l	96
40) Benzene	8.00	78	359422	18.933	ug/l	98
41) Methacrylonitrile	7.14	41	54383m	19.983	ug/l	
42) 1,2-Dichloroethane	8.08	62	136424	19.238	ug/l	96
43) Isopropyl Acetate	8.12	43	207541	19.699	ug/l #	90
44) Trichloroethene	8.80	130	93180	20.236	ug/l	100
45) 1,2-Dichloropropane	9.08	63	95232	18.947	ug/l	97
46) Dibromomethane	9.18	93	65808	19.757	ug/l	98
47) Bromodichloromethane	9.37	83	137669	19.282	ug/l	97
48) Methyl methacrylate	9.16	41	93502	19.687	ug/l	96
49) 1,4-Dioxane	9.17	88	30399	413.819	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	596387	104.171	ug/l	100
52) Toluene	10.12	92	225810	19.095	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	142115	18.197	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154688	18.869	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	91232	20.144	ug/l	96
56) Ethyl methacrylate	10.40	69	130469	18.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	154693	19.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	325446	91.184	ug/l	100
59) 2-Hexanone	10.72	43	432304	107.445	ug/l	98
60) Dibromochloromethane	10.87	129	97830	19.538	ug/l	96
61) 1,2-Dibromoethane	10.98	107	91471	19.429	ug/l	95
64) Tetrachloroethene	10.60	164	96335	21.776	ug/l	95
65) Chlorobenzene	11.41	112	236405	19.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	86868	18.856	ug/l	97
67) Ethyl Benzene	11.49	91	441187	19.490	ug/l	99
68) m/p-Xylenes	11.59	106	323604	38.599	ug/l	97
69) o-Xylene	11.92	106	155842	19.242	ug/l	98
70) Styrene	11.94	104	262215	18.839	ug/l	100
71) Bromoform	12.10	173	57763	18.476	ug/l #	99
73) Isopropylbenzene	12.23	105	420183	19.537	ug/l	99
74) N-amyl acetate	12.05	43	166555	18.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	121101	19.531	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	113117m	20.532	ug/l	
77) Bromobenzene	12.50	156	95761	19.688	ug/l	96
78) n-propylbenzene	12.57	91	488540	19.631	ug/l	99
79) 2-Chlorotoluene	12.65	91	282157	18.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	352867	19.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	40946	17.963	ug/l	98
82) 4-Chlorotoluene	12.75	91	297994	19.276	ug/l	100
83) tert-Butylbenzene	12.97	119	283499	18.466	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	355430	19.698	ug/l	98
85) sec-Butylbenzene	13.15	105	394691	19.726	ug/l	99
86) p-Isopropyltoluene	13.26	119	349280	19.662	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	174548	19.535	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	176333	19.059	ug/l	99
89) n-Butylbenzene	13.59	91	322159	19.630	ug/l	99
90) Hexachloroethane	13.85	117	55681	16.932	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	174363	20.109	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25092	18.407	ug/l	96

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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92963	19.190	ug/l	100
94) Hexachlorobutadiene	14.98	225	35261	19.484	ug/l	95
95) Naphthalene	15.10	128	295171	18.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	92559	19.611	ug/l	97

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

