

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063726.D
 Acq On : 29 Sep 2020 14:40
 Operator : JC/MD
 Sample : VN0929WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:20:37 PM

Quant Time: Sep 30 01:03:25 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	7.63	168	250141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208568	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.55	113	146223	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.06	98	527705	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	204098	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	43774	15.447	ug/l	98
3) Chloromethane	2.04	50	54378	14.505	ug/l	99
4) Vinyl Chloride	2.16	62	53977	16.251	ug/l	97
5) Bromomethane	2.53	94	34623	17.556	ug/l	95
6) Chloroethane	2.68	64	36093	17.703	ug/l	92
7) Trichlorofluoromethane	2.98	101	93278	18.823	ug/l	96
8) Diethyl Ether	3.38	74	34746	17.986	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	51410	18.447	ug/l	99
10) Methyl Iodide	3.91	142	55403	15.269	ug/l	96
11) Tert butyl alcohol	4.73	59	53781	91.171	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	48666	17.240	ug/l	92
13) Acrolein	3.57	56	12486	57.117	ug/l	99
14) Allyl chloride	4.28	41	89329	15.998	ug/l	92
15) Acrylonitrile	4.93	53	140524	93.652	ug/l	98
16) Acetone	3.77	43	129677	94.761	ug/l	99
17) Carbon Disulfide	4.01	76	115541	14.072	ug/l	98
18) Methyl Acetate	4.27	43	71679	20.633	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	190761	18.132	ug/l	97
20) Methylene Chloride	4.51	84	59862	17.265	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	52246	16.706	ug/l	95
22) Diisopropyl ether	5.90	45	200387	17.597	ug/l	99
23) Vinyl Acetate	5.84	43	820456	87.728	ug/l	98
24) 1,1-Dichloroethane	5.79	63	109006	17.533	ug/l	99
25) 2-Butanone	6.78	43	195875	93.067	ug/l	97
26) 2,2-Dichloropropane	6.78	77	94428	17.251	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	63355	17.897	ug/l	99
28) Bromochloromethane	7.14	49	56385	19.642	ug/l	96
29) Tetrahydrofuran	7.17	42	131639	91.578	ug/l	100
30) Chloroform	7.33	83	117822	18.889	ug/l	96
31) Cyclohexane	7.61	56	86924	14.781	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	99085	17.860	ug/l	97
36) 1,1-Dichloropropene	7.75	75	78931	18.007	ug/l	99
37) Ethyl Acetate	6.88	43	83567	19.425	ug/l	99
38) Carbon Tetrachloride	7.73	117	87787	19.619	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76624	16.107	ug/l	96
40) Benzene	8.00	78	232059	18.546	ug/l	97
41) Methacrylonitrile	7.13	41	36210	18.714	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	102396	20.349	ug/l	100
43) Isopropyl Acetate	8.13	43	147013	19.111	ug/l #	90
44) Trichloroethene	8.80	130	59599	19.638	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64021	18.786	ug/l	99
46) Dibromomethane	9.17	93	46673	20.837	ug/l	98
47) Bromodichloromethane	9.37	83	93405	20.073	ug/l	98
48) Methyl methacrylate	9.17	41	70439	18.638	ug/l	96
49) 1,4-Dioxane	9.16	88	19571	360.847	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	436453	101.347	ug/l	100
52) Toluene	10.13	92	145632	19.358	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99569	19.167	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	103649	18.916	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60849	20.363	ug/l	98
56) Ethyl methacrylate	10.40	69	86428	18.527	ug/l	96
57) 1,3-Dichloropropane	10.68	76	104696	19.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	212661	86.902	ug/l	97
59) 2-Hexanone	10.72	43	318855	102.198	ug/l	99
60) Dibromochloromethane	10.87	129	68730	20.359	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61550	19.826	ug/l	96
64) Tetrachloroethene	10.60	164	56030	21.177	ug/l	98
65) Chlorobenzene	11.41	112	157421	19.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60384	19.972	ug/l	97
67) Ethyl Benzene	11.49	91	287098	18.484	ug/l	99
68) m/p-Xylenes	11.59	106	209070	37.332	ug/l	100
69) o-Xylene	11.92	106	100365	18.813	ug/l	100
70) Styrene	11.94	104	169598	18.957	ug/l	99
71) Bromoform	12.10	173	46298	20.555	ug/l #	100
73) Isopropylbenzene	12.23	105	273448	18.010	ug/l	100
74) N-amyl acetate	12.05	43	123133	17.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	87862	18.689	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	85445m	18.220	ug/l	
77) Bromobenzene	12.50	156	66740	19.541	ug/l	94
78) n-propylbenzene	12.57	91	320774	18.139	ug/l	100
79) 2-Chlorotoluene	12.65	91	197146	18.597	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	232450	18.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30872	18.048	ug/l	98
82) 4-Chlorotoluene	12.75	91	204162	18.228	ug/l	99
83) tert-Butylbenzene	12.97	119	187338	17.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	234092	18.305	ug/l	100
85) sec-Butylbenzene	13.15	105	247996	17.730	ug/l	99
86) p-Isopropyltoluene	13.26	119	220078	17.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	121226	19.150	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	121163	18.826	ug/l	97
89) n-Butylbenzene	13.59	91	194259	17.083	ug/l	99
90) Hexachloroethane	13.85	117	41383	17.616	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120774	19.433	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19894	17.771	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65187	17.792	ug/l	98
94) Hexachlorobutadiene	14.98	225	32700	21.558	ug/l	99
95) Naphthalene	15.10	128	201545	16.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	61333	17.325	ug/l	96

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

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