

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063384.D
 Acq On : 16 Sep 2020 23:52
 Operator : JC/MD
 Sample : VN0916WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:44:09 PM

Quant Time: Sep 17 04:56:41 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	269845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	220783	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.55	113	153076	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.06	98	590930	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.38	95	216911	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	57126	18.686	ug/l	99
3) Chloromethane	2.04	50	70088	17.330	ug/l	97
4) Vinyl Chloride	2.16	62	68347	19.075	ug/l	99
5) Bromomethane	2.54	94	42452	19.955	ug/l	98
6) Chloroethane	2.68	64	39749	18.072	ug/l	96
7) Trichlorofluoromethane	2.99	101	100267	18.756	ug/l	95
8) Diethyl Ether	3.38	74	37815	18.145	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54694	18.192	ug/l	98
10) Methyl Iodide	3.91	142	71010	18.142	ug/l	99
11) Tert butyl alcohol	4.73	59	53957	84.790	ug/l	98
12) 1,1-Dichloroethene	3.70	96	54776	17.988	ug/l	100
13) Acrolein	3.57	56	32962	139.773	ug/l	98
14) Allyl chloride	4.28	41	107138	17.787	ug/l	98
15) Acrylonitrile	4.93	53	145782	90.062	ug/l	99
16) Acetone	3.77	43	134336	90.997	ug/l	99
17) Carbon Disulfide	4.02	76	158259	17.867	ug/l	99
18) Methyl Acetate	4.28	43	69143	18.449	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	203613	17.940	ug/l	100
20) Methylene Chloride	4.50	84	66540	17.790	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60308	17.875	ug/l	95
22) Diisopropyl ether	5.90	45	226092	18.405	ug/l	93
23) Vinyl Acetate	5.84	43	924098	91.595	ug/l	99
24) 1,1-Dichloroethane	5.80	63	124075	18.500	ug/l	97
25) 2-Butanone	6.78	43	200199	88.175	ug/l	100
26) 2,2-Dichloropropane	6.78	77	88170	14.931	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	71867	18.820	ug/l	96
28) Bromochloromethane	7.15	49	59821	19.317	ug/l	97
29) Tetrahydrofuran	7.17	42	136034	87.726	ug/l	98
30) Chloroform	7.33	83	120597	17.922	ug/l	100
31) Cyclohexane	7.62	56	112268	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	106685	17.826	ug/l	98
36) 1,1-Dichloropropene	7.75	75	92273	17.935	ug/l	99
37) Ethyl Acetate	6.88	43	88588	17.544	ug/l	100
38) Carbon Tetrachloride	7.74	117	92051	17.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	96261	17.239	ug/l	100
40) Benzene	8.00	78	263999	17.976	ug/l	100
41) Methacrylonitrile	7.14	41	45212m	19.908	ug/l	
42) 1,2-Dichloroethane	8.08	62	104735	17.733	ug/l	99
43) Isopropyl Acetate	8.13	43	154077	17.065	ug/l #	90
44) Trichloroethene	8.80	130	63792	17.908	ug/l	100
45) 1,2-Dichloropropane	9.08	63	72000	18.000	ug/l	98
46) Dibromomethane	9.18	93	47694	18.141	ug/l	99
47) Bromodichloromethane	9.37	83	97801	17.907	ug/l	93
48) Methyl methacrylate	9.17	41	76400	17.223	ug/l	99
49) 1,4-Dioxane	9.17	88	21751	341.681	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	450799	89.184	ug/l	98
52) Toluene	10.13	92	162519	18.405	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	105736	17.341	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112709	17.524	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65094	18.559	ug/l	98
56) Ethyl methacrylate	10.40	69	95268	17.399	ug/l	98
57) 1,3-Dichloropropane	10.68	76	109779	17.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	256339	89.246	ug/l	100
59) 2-Hexanone	10.72	43	318216	86.897	ug/l	99
60) Dibromochloromethane	10.87	129	69429	17.522	ug/l	99
61) 1,2-Dibromoethane	10.98	107	63608	17.456	ug/l	98
64) Tetrachloroethene	10.60	164	54159	18.149	ug/l	98
65) Chlorobenzene	11.41	112	173378	18.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62788	18.412	ug/l	98
67) Ethyl Benzene	11.48	91	317460	18.121	ug/l	100
68) m/p-Xylenes	11.60	106	229181	36.282	ug/l	98
69) o-Xylene	11.92	106	110800	18.414	ug/l	98
70) Styrene	11.94	104	184880	18.322	ug/l	98
71) Bromoform	12.10	173	44743	17.612	ug/l #	99
73) Isopropylbenzene	12.23	105	299766	18.881	ug/l	100
74) N-amyl acetate	12.05	43	135529	18.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	90585	18.427	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85702m	17.477	ug/l	
77) Bromobenzene	12.50	156	70484	19.736	ug/l	94
78) n-propylbenzene	12.57	91	343642	18.584	ug/l	100
79) 2-Chlorotoluene	12.65	91	212654	19.184	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	252075	19.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	29445	16.462	ug/l	98
82) 4-Chlorotoluene	12.75	91	218843	18.685	ug/l	100
83) tert-Butylbenzene	12.97	119	207766	19.015	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	251916	18.838	ug/l	99
85) sec-Butylbenzene	13.14	105	272470	18.629	ug/l	100
86) p-Isopropyltoluene	13.26	119	242146	18.770	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	121632	18.375	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125376	18.630	ug/l	99
89) n-Butylbenzene	13.59	91	215441	18.118	ug/l	99
90) Hexachloroethane	13.85	117	44357	18.057	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	123749	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20555	17.559	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	66820	17.441	ug/l	99
94) Hexachlorobutadiene	14.98	225	28338	17.867	ug/l	96
95) Naphthalene	15.10	128	221156	17.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64061	17.305	ug/l	99

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

