

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066252.D
 Acq On : 18 Mar 2021 14:00
 Operator : JC/MD
 Sample : VN0318WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:33:51 PM

Quant Time: Mar 19 04:24:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.585	168	298409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	441960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	421521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	195194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	201039	46.76	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.52%			
35) Dibromofluoromethane	7.510	113	150575	53.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.80%			
50) Toluene-d8	10.028	98	579892	53.19	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.38%			
62) 4-Bromofluorobenzene	12.345	95	202871	51.63	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.26%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	53700	18.29	ug/l	99
3) Chloromethane	2.019	50	85182	17.81	ug/l	98
4) Vinyl Chloride	2.148	62	76813	18.13	ug/l	98
5) Bromomethane	2.518	94	47171	19.45	ug/l	98
6) Chloroethane	2.655	64	47581	19.41	ug/l	98
7) Trichlorofluoromethane	2.966	101	95924	19.33	ug/l	93
8) Diethyl Ether	3.344	74	34821	17.18	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.685	101	47212	17.96	ug/l	98
10) Methyl Iodide	3.870	142	61700	16.58	ug/l	98
11) Tert butyl alcohol	4.712	59	72347	98.58	ug/l #	85
12) 1,1-Dichloroethene	3.664	96	46180	16.48	ug/l	96
13) Acrolein	3.535	56	50587	75.42	ug/l	99
14) Allyl chloride	4.229	41	114311	17.22	ug/l	90
15) Acrylonitrile	4.884	53	214748	97.71	ug/l	99
16) Acetone	3.741	43	195931	94.87	ug/l	97
17) Carbon Disulfide	3.967	76	128469	16.24	ug/l	98
18) Methyl Acetate	4.237	43	117035	20.25	ug/l	98
19) Methyl tert-butyl Ether	4.948	73	200509	18.72	ug/l	96
20) Methylene Chloride	4.452	84	56774	17.57	ug/l	98
21) trans-1,2-Dichloroethene	4.927	96	55842	17.99	ug/l	93
22) Diisopropyl ether	5.860	45	255481	18.74	ug/l	96
23) Vinyl Acetate	5.798	43	1049718	89.79	ug/l	96
24) 1,1-Dichloroethane	5.745	63	136831	20.13	ug/l	98
25) 2-Butanone	6.748	43	276282	86.12	ug/l #	88
26) 2,2-Dichloropropane	6.726	77	105643	18.81	ug/l	97
27) cis-1,2-Dichloroethene	6.732	96	69504	19.42	ug/l	87
28) Bromochloromethane	7.107	49	55132	15.35	ug/l #	80
29) Tetrahydrofuran	7.131	42	188015	85.11	ug/l	90
30) Chloroform	7.284	83	122318	19.71	ug/l	98
31) Cyclohexane	7.566	56	101606	15.78	ug/l	91
32) 1,1,1-Trichloroethane	7.483	97	103214	19.35	ug/l	96
36) 1,1-Dichloropropene	7.708	75	88848	19.85	ug/l	97
37) Ethyl Acetate	6.842	43	112480	17.58	ug/l #	95
38) Carbon Tetrachloride	7.692	117	86398	21.54	ug/l	99
39) Methylcyclohexane	9.014	83	90979	18.93	ug/l	94
40) Benzene	7.963	78	284124	21.15	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	54053	17.13	ug/l #	89
42) 1,2-Dichloroethane	8.049	62	100688	20.65	ug/l	95
43) Isopropyl Acetate	8.094	43	184715	18.67	ug/l	95
44) Trichloroethene	8.767	130	70627	21.62	ug/l	92
45) 1,2-Dichloropropane	9.049	63	78150	20.10	ug/l	99
46) Dibromomethane	9.140	93	45971	21.22	ug/l	90
47) Bromodichloromethane	9.336	83	96041	20.33	ug/l	99
48) Methyl methacrylate	9.137	41	82296	17.55	ug/l	91
49) 1,4-Dioxane	9.137	88	22870	449.49	ug/l	91
51) 4-Methyl-2-Pentanone	9.923	43	584969	97.85	ug/l	95
52) Toluene	10.092	92	171429	22.01	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	107333	20.09	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	112863	19.45	ug/l #	89
55) 1,1,2-Trichloroethane	10.503	97	72938	22.87	ug/l	95
56) Ethyl methacrylate	10.371	69	101747	19.26	ug/l	90
57) 1,3-Dichloropropane	10.647	76	121601	21.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.634	63	51644	113.01	ug/l	94
59) 2-Hexanone	10.693	43	443210	95.65	ug/l	95
60) Dibromochloromethane	10.843	129	72787	21.78	ug/l	99
61) 1,2-Dibromoethane	10.945	107	71797	22.60	ug/l	99
64) Tetrachloroethene	10.572	164	78475	22.45	ug/l	97
65) Chlorobenzene	11.374	112	181186	21.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	69088	21.80	ug/l	96
67) Ethyl Benzene	11.455	91	300590	20.04	ug/l	98
68) m/p-Xylenes	11.565	106	232838	41.84	ug/l	94
69) o-Xylene	11.889	106	101571	19.00	ug/l	97
70) Styrene	11.908	104	182043	19.69	ug/l	96
71) Bromoform	12.072	173	55764	22.20	ug/l #	100
73) Isopropylbenzene	12.192	105	289004	21.13	ug/l	97
74) N-amyl acetate	12.018	43	117446	16.96	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.450	83	109358	22.87	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	99913m	19.82	ug/l	
77) Bromobenzene	12.466	156	81993	22.85	ug/l	90
78) n-propylbenzene	12.536	91	331536	21.07	ug/l	97
79) 2-Chlorotoluene	12.616	91	210160	21.87	ug/l	94
80) 1,3,5-Trimethylbenzene	12.678	105	241687	21.30	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	33680	19.99	ug/l	95
82) 4-Chlorotoluene	12.718	91	212461	20.61	ug/l	96
83) tert-Butylbenzene	12.938	119	193006	19.50	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	227822	20.53	ug/l	98
85) sec-Butylbenzene	13.115	105	266307	20.99	ug/l	97
86) p-Isopropyltoluene	13.233	119	233736	21.00	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	139579	22.95	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	132443	20.80	ug/l	98
89) n-Butylbenzene	13.560	91	188844	18.40	ug/l	98
90) Hexachloroethane	13.817	117	40076	20.57	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	121658	20.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	19411	18.73	ug/l	90
93) 1,2,4-Trichlorobenzene	14.850	180	77499	19.80	ug/l	98
94) Hexachlorobutadiene	14.949	225	40503	21.29	ug/l	99
95) Naphthalene	15.070	128	221346	19.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	77642	19.92	ug/l	97

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

