

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066282.D
 Acq On : 19 Mar 2021 15:52
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:32 AM

Quant Time: Mar 20 04:59:13 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	272778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	410709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	396083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	196212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	204032	51.92	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.84%			
35) Dibromofluoromethane	7.509	113	150105	57.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.58%			
50) Toluene-d8	10.028	98	562243	55.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.00%			
62) 4-Bromofluorobenzene	12.345	95	194610	53.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.58%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	47860	17.83	ug/l	96
3) Chloromethane	2.017	50	73193	16.72	ug/l	99
4) Vinyl Chloride	2.148	62	62527	16.14	ug/l	99
5) Bromomethane	2.518	94	38011	17.15	ug/l	98
6) Chloroethane	2.655	64	36261	16.18	ug/l	97
7) Trichlorofluoromethane	2.963	101	85164	18.78	ug/l	98
8) Diethyl Ether	3.344	74	31231	16.86	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.685	101	43119	17.94	ug/l	94
10) Methyl Iodide	3.873	142	59607	17.52	ug/l	99
11) Tert butyl alcohol	4.709	59	62338	92.92	ug/l	97
12) 1,1-Dichloroethene	3.664	96	43412	16.95	ug/l	97
13) Acrolein	3.529	56	46060	75.06	ug/l	99
14) Allyl chloride	4.229	41	114516	18.87	ug/l	97
15) Acrylonitrile	4.884	53	194346	96.74	ug/l	98
16) Acetone	3.741	43	175682	93.05	ug/l	99
17) Carbon Disulfide	3.967	76	114520	15.83	ug/l	99
18) Methyl Acetate	4.237	43	116089	21.97	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	177879	18.17	ug/l	93
20) Methylene Chloride	4.452	84	51794	17.54	ug/l	94
21) trans-1,2-Dichloroethene	4.932	96	50722	17.88	ug/l	94
22) Diisopropyl ether	5.857	45	231818	18.60	ug/l	97
23) Vinyl Acetate	5.798	43	945399	88.46	ug/l	97
24) 1,1-Dichloroethane	5.745	63	118741	19.11	ug/l	99
25) 2-Butanone	6.745	43	284958	97.18	ug/l	99
26) 2,2-Dichloropropane	6.724	77	99221	19.32	ug/l	99
27) cis-1,2-Dichloroethene	6.734	96	61838	18.90	ug/l	94
28) Bromochloromethane	7.104	49	55178	16.80	ug/l	89
29) Tetrahydrofuran	7.131	42	189444	93.81	ug/l	97
30) Chloroform	7.287	83	115793	20.41	ug/l	98
31) Cyclohexane	7.571	56	92880	15.78	ug/l	96
32) 1,1,1-Trichloroethane	7.483	97	97839	20.07	ug/l	98
36) 1,1-Dichloropropene	7.711	75	80067	19.25	ug/l	98
37) Ethyl Acetate	6.842	43	114220	19.22	ug/l	98
38) Carbon Tetrachloride	7.692	117	80790	21.67	ug/l	96
39) Methylcyclohexane	9.011	83	75763	16.96	ug/l	96
40) Benzene	7.963	78	251586	20.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	50844	17.34	ug/l	90
42) 1,2-Dichloroethane	8.049	62	94320	20.82	ug/l	97
43) Isopropyl Acetate	8.094	43	172832	18.80	ug/l	97
44) Trichloroethene	8.765	130	64823	21.36	ug/l	86
45) 1,2-Dichloropropane	9.049	63	71085	19.67	ug/l	98
46) Dibromomethane	9.140	93	42679	21.20	ug/l	90
47) Bromodichloromethane	9.333	83	85702	19.52	ug/l	98
48) Methyl methacrylate	9.135	41	68252	15.66	ug/l #	89
49) 1,4-Dioxane	9.135	88	18749	396.54	ug/l	95
51) 4-Methyl-2-Pentanone	9.923	43	490555	88.30	ug/l	94
52) Toluene	10.092	92	149831	20.70	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	90496	18.23	ug/l	95
54) cis-1,3-Dichloropropene	9.776	75	102565	19.02	ug/l #	89
55) 1,1,2-Trichloroethane	10.503	97	64750	21.84	ug/l	94
56) Ethyl methacrylate	10.371	69	82136	17.01	ug/l	85
57) 1,3-Dichloropropane	10.645	76	106171	19.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.634	63	62906	133.74	ug/l	93
59) 2-Hexanone	10.693	43	352957	82.16	ug/l	93
60) Dibromochloromethane	10.843	129	67318	21.68	ug/l	98
61) 1,2-Dibromoethane	10.945	107	63920	21.65	ug/l	99
64) Tetrachloroethene	10.570	164	69799	21.25	ug/l	96
65) Chlorobenzene	11.374	112	164235	20.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	60285	20.25	ug/l	94
67) Ethyl Benzene	11.452	91	256644	18.21	ug/l	96
68) m/p-Xylenes	11.565	106	205453	39.29	ug/l	89
69) o-Xylene	11.892	106	96461	19.20	ug/l	87
70) Styrene	11.908	104	165972	19.17	ug/l	95
71) Bromoform	12.069	173	51890	21.98	ug/l #	98
73) Isopropylbenzene	12.192	105	245019	17.82	ug/l	96
74) N-amyl acetate	12.015	43	88040	13.19	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.447	83	93959	19.55	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	90342m	17.83	ug/l	
77) Bromobenzene	12.466	156	73999	20.52	ug/l	85
78) n-propylbenzene	12.535	91	281198	17.78	ug/l	94
79) 2-Chlorotoluene	12.616	91	181782	18.82	ug/l	94
80) 1,3,5-Trimethylbenzene	12.678	105	208473	18.28	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.246	75	30833	18.21	ug/l #	85
82) 4-Chlorotoluene	12.715	91	183486	17.78	ug/l	91
83) tert-Butylbenzene	12.938	119	171632	17.25	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	201695	18.09	ug/l	93
85) sec-Butylbenzene	13.115	105	228261	17.89	ug/l	96
86) p-Isopropyltoluene	13.233	119	200726	17.94	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	122775	20.09	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	123111	19.23	ug/l	98
89) n-Butylbenzene	13.560	91	160131	15.87	ug/l	98
90) Hexachloroethane	13.815	117	37727	19.26	ug/l	90
91) 1,2-Dichlorobenzene	13.595	146	122405	20.33	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.214	75	17621	16.99	ug/l	86
93) 1,2,4-Trichlorobenzene	14.850	180	69831	17.75	ug/l	99
94) Hexachlorobutadiene	14.949	225	37278	19.49	ug/l	98
95) Naphthalene	15.070	128	190157	16.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	71724	18.31	ug/l	98

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

