

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066392.D
 Acq On : 29 Mar 2021 22:02
 Operator : JC/MD
 Sample : VN0329WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:51:21 PM

Quant Time: Mar 30 01:42:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	392773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	628954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	571918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	265386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	273783	52.44	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.88%			
35) Dibromofluoromethane	7.507	113	210677	50.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.06%			
50) Toluene-d8	10.028	98	793171	50.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.30%			
62) 4-Bromofluorobenzene	12.345	95	268748	48.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	107600	21.75	ug/l	100
3) Chloromethane	2.017	50	121154	22.60	ug/l	97
4) Vinyl Chloride	2.146	62	129750	22.92	ug/l	100
5) Bromomethane	2.510	94	88813	23.38	ug/l	95
6) Chloroethane	2.650	64	81052	22.96	ug/l	99
7) Trichlorofluoromethane	2.961	101	175688	22.56	ug/l	100
8) Diethyl Ether	3.342	74	72855	22.97	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.677	101	100705	22.91	ug/l	98
10) Methyl Iodide	3.867	142	137466	22.04	ug/l	99
11) Tert butyl alcohol	4.715	59	94096	118.17	ug/l #	94
12) 1,1-Dichloroethene	3.655	96	100920	22.42	ug/l	98
13) Acrolein	3.527	56	43035	80.69	ug/l	100
14) Allyl chloride	4.224	41	206206	23.16	ug/l	98
15) Acrylonitrile	4.881	53	259311	116.77	ug/l	98
16) Acetone	3.736	43	313853	111.26	ug/l	98
17) Carbon Disulfide	3.964	76	291543	21.94	ug/l	99
18) Methyl Acetate	4.235	43	196615	26.68	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	282998	21.20	ug/l	96
20) Methylene Chloride	4.452	84	122944	24.17	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	84753	20.77	ug/l	99
22) Diisopropyl ether	5.857	45	306825	22.09	ug/l	97
23) Vinyl Acetate	5.796	43	1321992	111.80	ug/l	100
24) 1,1-Dichloroethane	5.742	63	165473	21.57	ug/l	99
25) 2-Butanone	6.748	43	361465	117.22	ug/l	97
26) 2,2-Dichloropropane	6.724	77	126101	18.45	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	100505	21.11	ug/l	99
28) Bromochloromethane	7.102	49	86017	22.25	ug/l	97
29) Tetrahydrofuran	7.129	42	246836	122.68	ug/l	98
30) Chloroform	7.287	83	168052	21.93	ug/l	100
31) Cyclohexane	7.568	56	154500	21.38	ug/l	98
32) 1,1,1-Trichloroethane	7.485	97	146070	21.69	ug/l	100
36) 1,1-Dichloropropene	7.708	75	121249	20.52	ug/l	97
37) Ethyl Acetate	6.842	43	148915	22.90	ug/l	100
38) Carbon Tetrachloride	7.689	117	122177	20.57	ug/l	99
39) Methylcyclohexane	9.011	83	142146	19.73	ug/l	99
40) Benzene	7.960	78	379721	21.28	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	67387	20.88	ug/l	97
42) 1,2-Dichloroethane	8.046	62	133933	20.95	ug/l	99
43) Isopropyl Acetate	8.091	43	247572	22.27	ug/l	99
44) Trichloroethene	8.762	130	95334	20.31	ug/l	99
45) 1,2-Dichloropropane	9.049	63	102459	21.55	ug/l	100
46) Dibromomethane	9.140	93	67082	21.52	ug/l	98
47) Bromodichloromethane	9.336	83	133958	20.82	ug/l	97
48) Methyl methacrylate	9.135	41	112961	21.36	ug/l	98
49) 1,4-Dioxane	9.137	88	30531	459.27	ug/l	98
51) 4-Methyl-2-Pentanone	9.921	43	744314	114.57	ug/l	99
52) Toluene	10.092	92	229285	20.93	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	138952	19.88	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	154119	20.53	ug/l	97
55) 1,1,2-Trichloroethane	10.503	97	95499	21.68	ug/l	99
56) Ethyl methacrylate	10.371	69	142656	21.12	ug/l	97
57) 1,3-Dichloropropane	10.645	76	158182	21.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	82393	125.06	ug/l	100
59) 2-Hexanone	10.693	43	525826	115.53	ug/l	100
60) Dibromochloromethane	10.843	129	102769	21.01	ug/l	99
61) 1,2-Dibromoethane	10.945	107	97438	21.22	ug/l	100
64) Tetrachloroethene	10.570	164	91244	18.75	ug/l	99
65) Chlorobenzene	11.374	112	238162	20.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	91123	20.76	ug/l	99
67) Ethyl Benzene	11.452	91	427508	20.66	ug/l	100
68) m/p-Xylenes	11.565	106	320526	40.76	ug/l	98
69) o-Xylene	11.889	106	154106	20.31	ug/l	99
70) Styrene	11.908	104	247012	20.08	ug/l	99
71) Bromoform	12.069	173	76025	20.82	ug/l #	99
73) Isopropylbenzene	12.192	105	398696	20.20	ug/l	99
74) N-amyl acetate	12.018	43	138447	19.89	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	140754	22.39	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	125844m	21.61	ug/l	
77) Bromobenzene	12.468	156	103744	20.81	ug/l	98
78) n-propylbenzene	12.535	91	447111	20.83	ug/l	99
79) 2-Chlorotoluene	12.619	91	271322	20.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	325346	20.15	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	38474	19.87	ug/l	99
82) 4-Chlorotoluene	12.718	91	265237	20.19	ug/l	100
83) tert-Butylbenzene	12.938	119	283477	20.40	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	317237	20.22	ug/l	99
85) sec-Butylbenzene	13.115	105	366810	20.37	ug/l	100
86) p-Isopropyltoluene	13.233	119	324372	20.11	ug/l	100
87) 1,3-Dichlorobenzene	13.225	146	171675	20.53	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	173538	19.98	ug/l	100
89) n-Butylbenzene	13.560	91	264929	19.88	ug/l	99
90) Hexachloroethane	13.815	117	58615	20.15	ug/l	96
91) 1,2-Dichlorobenzene	13.598	146	172930	21.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	25862	21.45	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	103317	20.26	ug/l	98
94) Hexachlorobutadiene	14.947	225	54379	19.55	ug/l	98
95) Naphthalene	15.070	128	318698	22.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	103476	20.19	ug/l	99

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

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