

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068342.D
 Acq On : 27 Aug 2021 14:16
 Operator : JC/MD
 Sample : VN0827WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 9:41:41 AM

Quant Time: Aug 28 01:27:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	561647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	850809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	821818	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	433931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	302848	50.501	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.000%
35) Dibromofluoromethane	8.024	113	275584	51.592	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.180%
50) Toluene-d8	10.443	98	1059151	52.038	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.734	95	371068	54.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	77112	17.327	ug/l	100
3) Chloromethane	2.303	50	87971	17.496	ug/l	97
4) Vinyl Chloride	2.443	62	143388	18.200	ug/l	97
5) Bromomethane	2.861	94	132854	19.483	ug/l	97
6) Chloroethane	3.022	64	105201	19.610	ug/l	97
7) Trichlorofluoromethane	3.373	101	301308	19.454	ug/l	100
8) Diethyl Ether	3.819	74	102736	28.597	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.205	101	96579	20.395	ug/l #	84
10) Methyl Iodide	4.417	142	91532	13.593	ug/l	90
11) Tert butyl alcohol	5.390	59	72797	97.342	ug/l	99
12) 1,1-Dichloroethene	4.173	96	83990	18.447	ug/l #	76
13) Acrolein	4.041	56	31693	56.959	ug/l	99
14) Allyl chloride	4.838	41	109943	18.891	ug/l #	91
15) Acrylonitrile	5.562	53	204926	97.261	ug/l	99
16) Acetone	4.293	43	200419	114.466	ug/l #	88
17) Carbon Disulfide	4.524	76	212462	18.050	ug/l	99
18) Methyl Acetate	4.859	43	98938	20.216	ug/l #	87
19) Methyl tert-butyl Ether	5.624	73	299704	20.417	ug/l	96
20) Methylene Chloride	5.098	84	117117	23.031	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	99695	19.558	ug/l #	77
22) Diisopropyl ether	6.503	45	257901	20.285	ug/l #	92
23) Vinyl Acetate	6.439	43	959497	96.953	ug/l #	88
24) 1,1-Dichloroethane	6.388	63	164440	19.358	ug/l	96
25) 2-Butanone	7.343	43	278630	102.113	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	157519	21.642	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	118258	19.375	ug/l	76
28) Bromochloromethane	7.659	49	76453	20.467	ug/l #	47
29) Tetrahydrofuran	7.691	42	163998	93.978	ug/l #	76
30) Chloroform	7.820	83	202324	19.994	ug/l	100
31) Cyclohexane	8.096	56	146573	18.556	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	184522	20.447	ug/l	95
36) 1,1-Dichloropropene	8.222	75	138272	19.881	ug/l	90
37) Ethyl Acetate	7.418	43	111668	18.847	ug/l	97
38) Carbon Tetrachloride	8.209	117	163997	20.444	ug/l	98
39) Methylcyclohexane	9.462	83	174843	22.259	ug/l #	85
40) Benzene	8.461	78	428719	20.196	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	51677	19.103	ug/l #	80
42) 1,2-Dichloroethane	8.534	62	148816	20.581	ug/l	93
43) Isopropyl Acetate	8.566	43	190250	20.045	ug/l #	89
44) Trichloroethene	9.217	130	129072	20.219	ug/l	77
45) 1,2-Dichloropropane	9.491	63	101658	20.360	ug/l	100
46) Dibromomethane	9.577	93	81825	20.089	ug/l #	78
47) Bromodichloromethane	9.765	83	157798	20.848	ug/l #	98
48) Methyl methacrylate	9.563	41	86452	21.858	ug/l #	85
49) 1,4-Dioxane	9.571	88	39019	408.148	ug/l #	76
51) 4-Methyl-2-Pentanone	10.333	43	590077	101.211	ug/l	90
52) Toluene	10.508	92	305342	21.099	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	161289	21.695	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	170129	21.122	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	118221	20.442	ug/l	93
56) Ethyl methacrylate	10.765	69	151403	20.386	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	181540	20.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	127665	92.933	ug/l #	83
59) 2-Hexanone	11.089	43	420220	103.803	ug/l	88
60) Dibromochloromethane	11.240	129	140786	21.579	ug/l	100
61) 1,2-Dibromoethane	11.347	107	124549	20.766	ug/l	98
64) Tetrachloroethene	10.980	164	122407	19.262	ug/l	88
65) Chlorobenzene	11.771	112	337766	20.073	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	136836	21.558	ug/l	98
67) Ethyl Benzene	11.848	91	565449	20.373	ug/l	91
68) m/p-Xylenes	11.956	106	468385	42.185	ug/l	78
69) o-Xylene	12.283	106	223721	20.854	ug/l	79
70) Styrene	12.296	104	366428	21.339	ug/l #	89
71) Bromoform	12.460	173	107729	21.164	ug/l #	98
73) Isopropylbenzene	12.581	105	578593	18.748	ug/l	94
74) N-amyl acetate	12.390	43	137116	17.062	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	168096	18.162	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	119884m	16.622	ug/l	
77) Bromobenzene	12.862	156	158806	18.678	ug/l	55
78) n-propylbenzene	12.924	91	648204	19.580	ug/l	90
79) 2-Chlorotoluene	13.010	91	378653	18.495	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	496976	19.906	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	41607	18.900	ug/l	89
82) 4-Chlorotoluene	13.109	91	376923	18.967	ug/l	84
83) tert-Butylbenzene	13.326	119	435759	19.655	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	481413	19.753	ug/l	89
85) sec-Butylbenzene	13.503	105	607261	20.803	ug/l	91
86) p-Isopropyltoluene	13.619	119	514295	21.344	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	290639	20.047	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	288995	19.676	ug/l	93
89) n-Butylbenzene	13.946	91	386360	21.495	ug/l	95
90) Hexachloroethane	14.214	117	91698	20.510	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	277195	20.082	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	26304	18.763	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.265	180	133461	20.132	ug/l	98
94) Hexachlorobutadiene	15.373	225	80511	21.536	ug/l	98
95) Naphthalene	15.509	128	290711	19.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	127695	20.360	ug/l	97

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

