

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067547.D
 Acq On : 29 Jun 2021 12:39
 Operator : JC/MD
 Sample : VN0629WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:51:05 PM

Quant Time: Jun 29 15:22:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	223544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	421112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	423988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	202806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	165616	54.133	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.260%
35) Dibromofluoromethane	8.021	113	122445	46.898	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.800%
50) Toluene-d8	10.443	98	544973	51.383	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.734	95	201449	54.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	35574	15.383	ug/l	95
3) Chloromethane	2.301	50	54459	19.567	ug/l	99
4) Vinyl Chloride	2.443	62	83243	22.246	ug/l	97
5) Bromomethane	2.850	94	67998	24.702	ug/l	100
6) Chloroethane	3.014	64	59509	22.802	ug/l	95
7) Trichlorofluoromethane	3.371	101	160569	23.882	ug/l	99
8) Diethyl Ether	3.821	74	25470	16.349	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	38807	17.485	ug/l	98
10) Methyl Iodide	4.414	142	42865	14.817	ug/l	91
11) Tert butyl alcohol	5.382	59	37854	82.889	ug/l	99
12) 1,1-Dichloroethene	4.173	96	36187	16.678	ug/l	90
13) Acrolein	4.036	56	21684	73.655	ug/l	100
14) Allyl chloride	4.832	41	60239	16.984	ug/l #	89
15) Acrylonitrile	5.554	53	100711	85.801	ug/l	99
16) Acetone	4.288	43	83073	82.322	ug/l	90
17) Carbon Disulfide	4.521	76	98546	16.109	ug/l	97
18) Methyl Acetate	4.859	43	44485	16.526	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	148568	17.857	ug/l	99
20) Methylene Chloride	5.095	84	45486	17.044	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	42906	17.437	ug/l	89
22) Diisopropyl ether	6.501	45	148848	19.326	ug/l	96
23) Vinyl Acetate	6.434	43	619420	95.931	ug/l #	95
24) 1,1-Dichloroethane	6.383	63	83997	18.688	ug/l	99
25) 2-Butanone	7.340	43	147811	94.980	ug/l	94
26) 2,2-Dichloropropane	7.324	77	79566	19.101	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	54650	18.359	ug/l	88
28) Bromochloromethane	7.659	49	40453	19.233	ug/l #	83
29) Tetrahydrofuran	7.689	42	96742	93.356	ug/l	89
30) Chloroform	7.818	83	97196	19.657	ug/l	99
31) Cyclohexane	8.094	56	85602	19.583	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	88444	19.699	ug/l	97
36) 1,1-Dichloropropene	8.223	75	71248	18.741	ug/l	95
37) Ethyl Acetate	7.415	43	59589	17.070	ug/l	96
38) Carbon Tetrachloride	8.204	117	75355	18.503	ug/l	99
39) Methylcyclohexane	9.462	83	88379	19.205	ug/l	89
40) Benzene	8.459	78	219053	19.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	31755	18.247	ug/l	93
42) 1,2-Dichloroethane	8.531	62	80648	20.298	ug/l	98
43) Isopropyl Acetate	8.563	43	114965	19.278	ug/l	95
44) Trichloroethene	9.217	130	54447	18.161	ug/l	91
45) 1,2-Dichloropropane	9.491	63	55530	19.270	ug/l	92
46) Dibromomethane	9.580	93	38928	18.973	ug/l	96
47) Bromodichloromethane	9.765	83	78513	19.344	ug/l	98
48) Methyl methacrylate	9.561	41	47877	18.335	ug/l #	84
49) 1,4-Dioxane	9.572	88	18977	364.557	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	343813	95.561	ug/l	94
52) Toluene	10.508	92	153002	20.344	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	84254	19.088	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	89292	19.403	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	57401	19.559	ug/l	97
56) Ethyl methacrylate	10.765	69	87350	19.686	ug/l	87
57) 1,3-Dichloropropane	11.047	76	93461	19.675	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.044	63	85729	94.828	ug/l	94
59) 2-Hexanone	11.087	43	242248	95.371	ug/l	91
60) Dibromochloromethane	11.240	129	59724	18.447	ug/l	98
61) 1,2-Dibromoethane	11.350	107	59297	19.735	ug/l	99
64) Tetrachloroethene	10.980	164	55151	18.564	ug/l	97
65) Chlorobenzene	11.773	112	163466	18.789	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	58379	18.744	ug/l	99
67) Ethyl Benzene	11.846	91	303192	19.306	ug/l	95
68) m/p-Xylenes	11.956	106	238726	39.485	ug/l	85
69) o-Xylene	12.283	106	117090	19.553	ug/l	86
70) Styrene	12.296	104	186370	18.762	ug/l	94
71) Bromoform	12.463	173	37654	16.896	ug/l #	99
73) Isopropylbenzene	12.581	105	302760	17.752	ug/l	98
74) N-amyl acetate	12.388	43	94434	16.888	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	80753	16.694	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	68767m	16.917	ug/l	
77) Bromobenzene	12.862	156	65522	17.316	ug/l	76
78) n-propylbenzene	12.921	91	342850	18.037	ug/l	95
79) 2-Chlorotoluene	13.010	91	207745	17.889	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	256482	18.351	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	22154	15.669	ug/l	94
82) 4-Chlorotoluene	13.106	91	209449	18.456	ug/l	94
83) tert-Butylbenzene	13.326	119	218551	18.029	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	253267	18.404	ug/l	95
85) sec-Butylbenzene	13.503	105	302782	18.162	ug/l	97
86) p-Isopropyltoluene	13.619	119	245035	18.274	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	127459	18.193	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	125582	18.137	ug/l	97
89) n-Butylbenzene	13.946	91	204760	18.516	ug/l	98
90) Hexachloroethane	14.211	117	40342	17.096	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	122680	18.381	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	14758	17.440	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	50196	17.085	ug/l	97
94) Hexachlorobutadiene	15.373	225	24993	19.301	ug/l	99
95) Naphthalene	15.507	128	140744	16.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	46922	16.317	ug/l	99

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

