

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067537.D
 Acq On : 28 Jun 2021 17:51
 Operator : JC/MD
 Sample : VN0628WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:42 PM

Quant Time: Jun 29 05:24:42 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	8.088	168	232108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	445460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	435541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	193535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	173456	54.604	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.200%			
35) Dibromofluoromethane	8.024	113	132852	48.103	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.200%			
50) Toluene-d8	10.443	98	562545	50.141	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.733	95	197414	50.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	43337	18.048	ug/l	98
3) Chloromethane	2.303	50	59503	20.591	ug/l	97
4) Vinyl Chloride	2.443	62	80588	20.741	ug/l	96
5) Bromomethane	2.856	94	69091	24.173	ug/l	97
6) Chloroethane	3.019	64	56822	20.969	ug/l	97
7) Trichlorofluoromethane	3.373	101	149165	21.367	ug/l	98
8) Diethyl Ether	3.821	74	30712	18.987	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.205	101	42351	18.377	ug/l	98
10) Methyl Iodide	4.417	142	45430	15.124	ug/l	93
11) Tert butyl alcohol	5.390	59	46780	98.655	ug/l	99
12) 1,1-Dichloroethene	4.175	96	40823	18.121	ug/l	89
13) Acrolein	4.036	56	27594	89.770	ug/l	96
14) Allyl chloride	4.838	41	69791	18.951	ug/l #	95
15) Acrylonitrile	5.559	53	120376	98.771	ug/l	99
16) Acetone	4.291	43	95053	90.718	ug/l	95
17) Carbon Disulfide	4.524	76	111445	17.545	ug/l	98
18) Methyl Acetate	4.862	43	53399	19.105	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	168977	19.560	ug/l	99
20) Methylene Chloride	5.090	84	52695	19.040	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	47733	18.683	ug/l	88
22) Diisopropyl ether	6.503	45	162618	20.335	ug/l	96
23) Vinyl Acetate	6.436	43	679116	101.296	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	93879	20.116	ug/l	98
25) 2-Butanone	7.343	43	167476	103.645	ug/l	92
26) 2,2-Dichloropropane	7.327	77	84241	19.477	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	62379	20.182	ug/l	84
28) Bromochloromethane	7.659	49	45196	20.695	ug/l #	76
29) Tetrahydrofuran	7.691	42	111367	103.503	ug/l	88
30) Chloroform	7.820	83	105309	20.512	ug/l	99
31) Cyclohexane	8.096	56	91164	20.128	ug/l	85
32) 1,1,1-Trichloroethane	8.016	97	95474	20.480	ug/l	97
36) 1,1-Dichloropropene	8.222	75	77395	19.245	ug/l	96
37) Ethyl Acetate	7.418	43	68112	18.445	ug/l	96
38) Carbon Tetrachloride	8.206	117	79304	18.409	ug/l	99
39) Methylcyclohexane	9.461	83	91817	18.862	ug/l	91
40) Benzene	8.461	78	234312	19.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	33978	18.458	ug/l #	90
42) 1,2-Dichloroethane	8.533	62	79985	19.031	ug/l	94
43) Isopropyl Acetate	8.566	43	123312	19.548	ug/l	93
44) Trichloroethene	9.217	130	58065	18.309	ug/l	90
45) 1,2-Dichloropropane	9.491	63	58006	19.029	ug/l	98
46) Dibromomethane	9.579	93	42091	19.393	ug/l	95
47) Bromodichloromethane	9.764	83	82916	19.313	ug/l	97
48) Methyl methacrylate	9.563	41	51396	18.606	ug/l #	87
49) 1,4-Dioxane	9.574	88	21044	380.888	ug/l #	87
51) 4-Methyl-2-Pentanone	10.336	43	376400	98.901	ug/l	93
52) Toluene	10.507	92	158067	19.869	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	86208	18.537	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	93031	19.111	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	61478	19.804	ug/l	96
56) Ethyl methacrylate	10.765	69	91015	19.391	ug/l #	85
57) 1,3-Dichloropropane	11.046	76	99403	19.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	81247	87.219	ug/l	91
59) 2-Hexanone	11.089	43	263089	97.915	ug/l	92
60) Dibromochloromethane	11.242	129	63063	18.418	ug/l	100
61) 1,2-Dibromoethane	11.347	107	62451	19.649	ug/l	99
64) Tetrachloroethene	10.979	164	57908	18.975	ug/l	95
65) Chlorobenzene	11.773	112	167857	18.782	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	60412	18.883	ug/l	99
67) Ethyl Benzene	11.848	91	306211	18.981	ug/l	96
68) m/p-Xylenes	11.956	106	236251	38.039	ug/l	86
69) o-Xylene	12.283	106	118174	19.210	ug/l	84
70) Styrene	12.296	104	186847	18.356	ug/l	92
71) Bromoform	12.460	173	39335	17.124	ug/l #	98
73) Isopropylbenzene	12.581	105	301213	18.508	ug/l	97
74) N-amyl acetate	12.390	43	93221	17.469	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	87536	18.963	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	78307m	20.186	ug/l	
77) Bromobenzene	12.865	156	66644	18.456	ug/l	75
78) n-propylbenzene	12.924	91	335859	18.516	ug/l	94
79) 2-Chlorotoluene	13.010	91	205598	18.553	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	254945	19.115	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	22224	16.471	ug/l	93
82) 4-Chlorotoluene	13.109	91	200476	18.511	ug/l	93
83) tert-Butylbenzene	13.326	119	217829	18.830	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	248644	18.934	ug/l	93
85) sec-Butylbenzene	13.506	105	298497	18.762	ug/l	96
86) p-Isopropyltoluene	13.618	119	242611	18.960	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	123246	18.434	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	123705	18.721	ug/l	95
89) n-Butylbenzene	13.946	91	191856	18.180	ug/l	98
90) Hexachloroethane	14.211	117	41515	18.436	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	119478	18.759	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	15496	19.190	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	48135	17.168	ug/l	99
94) Hexachlorobutadiene	15.372	225	23981	19.407	ug/l	98
95) Naphthalene	15.507	128	138974	16.817	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	45818	16.696	ug/l	99

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

