

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067573.D
 Acq On : 30 Jun 2021 15:26
 Operator : JC/MD
 Sample : VN0630WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:35 AM

Quant Time: Jun 30 15:43:36 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	195307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	358081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	366546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	165185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	146464	54.795	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.580%			
35) Dibromofluoromethane	8.024	113	105018	47.304	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.600%			
50) Toluene-d8	10.443	98	483128	53.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.734	95	172770	54.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	33747	16.702	ug/l	99
3) Chloromethane	2.303	50	48641	20.004	ug/l	97
4) Vinyl Chloride	2.443	62	80847	24.729	ug/l	96
5) Bromomethane	2.853	94	64617	26.867	ug/l	100
6) Chloroethane	3.017	64	56891	24.951	ug/l	97
7) Trichlorofluoromethane	3.371	101	152795	26.011	ug/l	100
8) Diethyl Ether	3.819	74	44827	32.934	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.200	101	33611	17.333	ug/l	97
10) Methyl Iodide	4.417	142	38908	15.393	ug/l #	89
11) Tert butyl alcohol	5.390	59	32752	82.086	ug/l #	83
12) 1,1-Dichloroethene	4.173	96	31071	16.391	ug/l	83
13) Acrolein	4.039	56	20568	79.775	ug/l	99
14) Allyl chloride	4.833	41	51251	16.539	ug/l	91
15) Acrylonitrile	5.559	53	87921	85.734	ug/l	99
16) Acetone	4.291	43	87825	99.613	ug/l	95
17) Carbon Disulfide	4.521	76	82060	15.353	ug/l	100
18) Methyl Acetate	4.862	43	40305	17.138	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	124800	17.169	ug/l	99
20) Methylene Chloride	5.087	84	38542	16.523	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	35827	16.665	ug/l	90
22) Diisopropyl ether	6.501	45	126196	18.754	ug/l	97
23) Vinyl Acetate	6.436	43	469565	83.237	ug/l	96
24) 1,1-Dichloroethane	6.388	63	69338	17.657	ug/l	97
25) 2-Butanone	7.340	43	134875	99.198	ug/l	94
26) 2,2-Dichloropropane	7.321	77	66321	18.223	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	44888	17.260	ug/l	90
28) Bromochloromethane	7.657	49	37806	20.573	ug/l	84
29) Tetrahydrofuran	7.694	42	86455	95.491	ug/l	93
30) Chloroform	7.823	83	79777	18.467	ug/l	99
31) Cyclohexane	8.094	56	70314	18.313	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	70796	18.048	ug/l	98
36) 1,1-Dichloropropene	8.223	75	60315	18.658	ug/l	97
37) Ethyl Acetate	7.418	43	55635	18.742	ug/l	97
38) Carbon Tetrachloride	8.209	117	59207	17.097	ug/l	97
39) Methylcyclohexane	9.462	83	69987	17.885	ug/l	91
40) Benzene	8.461	78	179822	18.372	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067573.D
 Acq On : 30 Jun 2021 15:26
 Operator : JC/MD
 Sample : VN0630WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:35 AM

Quant Time: Jun 30 15:43:36 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)
41) Methacrylonitrile	7.641	41	26697	18.041	ug/l	91
42) 1,2-Dichloroethane	8.531	62	67216	19.895	ug/l	98
43) Isopropyl Acetate	8.566	43	98267	19.379	ug/l	96
44) Trichloroethene	9.218	130	43959	17.244	ug/l	88
45) 1,2-Dichloropropane	9.491	63	45592	18.606	ug/l	97
46) Dibromomethane	9.577	93	32655	18.717	ug/l	97
47) Bromodichloromethane	9.762	83	64562	18.707	ug/l	98
48) Methyl methacrylate	9.564	41	42163	18.989	ug/l	86
49) 1,4-Dioxane	9.572	88	16350	369.028	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	312356	102.100	ug/l	95
52) Toluene	10.508	92	129913	20.315	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	72439	19.275	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	73265	18.723	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	46846	18.773	ug/l	98
56) Ethyl methacrylate	10.765	69	74441	19.730	ug/l	91
57) 1,3-Dichloropropane	11.047	76	80368	19.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	78151	100.097	ug/l	94
59) 2-Hexanone	11.090	43	232279	107.543	ug/l	96
60) Dibromochloromethane	11.242	129	48573	17.748	ug/l	100
61) 1,2-Dibromoethane	11.350	107	47721	18.678	ug/l	99
64) Tetrachloroethene	10.980	164	44675	17.395	ug/l	96
65) Chlorobenzene	11.773	112	135498	18.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	47962	17.813	ug/l	98
67) Ethyl Benzene	11.846	91	256896	18.922	ug/l	99
68) m/p-Xylenes	11.956	106	196412	37.577	ug/l	89
69) o-Xylene	12.283	106	95421	18.431	ug/l	90
70) Styrene	12.299	104	155072	18.128	ug/l	94
71) Bromoform	12.460	173	30193	15.922	ug/l #	99
73) Isopropylbenzene	12.581	105	249983	17.996	ug/l	98
74) N-amyl acetate	12.390	43	85764	18.830	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.828	83	72594	18.425	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	62107m	18.758	ug/l	
77) Bromobenzene	12.862	156	52757	17.118	ug/l	81
78) n-propylbenzene	12.924	91	287535	18.572	ug/l	97
79) 2-Chlorotoluene	13.010	91	174937	18.495	ug/l	95
80) 1,3,5-Trimethylbenzene	13.064	105	212882	18.700	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	18840	16.360	ug/l	99
82) 4-Chlorotoluene	13.106	91	174878	18.919	ug/l	96
83) tert-Butylbenzene	13.326	119	175935	17.819	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	209035	18.650	ug/l	96
85) sec-Butylbenzene	13.506	105	245741	18.097	ug/l	98
86) p-Isopropyltoluene	13.619	119	198175	18.145	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	101371	17.765	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	101312	17.964	ug/l	98
89) n-Butylbenzene	13.946	91	172370	19.137	ug/l	98
90) Hexachloroethane	14.211	117	31587	16.434	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	100101	18.414	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.608	75	12577	18.248	ug/l	83
93) 1,2,4-Trichlorobenzene	15.268	180	41785	17.461	ug/l	98
94) Hexachlorobutadiene	15.373	225	20042	19.003	ug/l	99
95) Naphthalene	15.509	128	126853	17.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	39715	16.956	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
Data File : VN067573.D
Acq On : 30 Jun 2021 15:26
Operator : JC/MD
Sample : VN0630WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Manual Integrations
APPROVED

MMDadoda
7/2/2021 10:27:35 AM

Quant Time: Jun 30 15:43:36 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)
----------	------	------	----------	------	-------	----------

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

