

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
 Data File : VN067950.D
 Acq On : 28 Jul 2021 13:59
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:13:16 PM

Quant Time: Jul 29 02:50:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	348145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	629212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	596987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	257142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	273516	51.984	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.960%	
35) Dibromofluoromethane	8.021	113	208140	54.751	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.500%	
50) Toluene-d8	10.443	98	804556	50.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.734	95	282816	50.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	54478	18.410	ug/l	100
3) Chloromethane	2.301	50	73210	15.620	ug/l	99
4) Vinyl Chloride	2.443	62	114884	16.241	ug/l	98
5) Bromomethane	2.853	94	104788	18.715	ug/l	97
6) Chloroethane	3.020	64	92867	17.206	ug/l	98
7) Trichlorofluoromethane	3.371	101	224641	18.802	ug/l	97
8) Diethyl Ether	3.819	74	46904	16.657	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.205	101	68878	21.347	ug/l	96
10) Methyl Iodide	4.417	142	78610	20.452	ug/l	92
11) Tert butyl alcohol	5.385	59	73459	97.157	ug/l	99
12) 1,1-Dichloroethene	4.175	96	62000	20.028	ug/l	84
13) Acrolein	4.041	56	24428	63.172	ug/l #	60
14) Allyl chloride	4.835	41	105714	18.578	ug/l	94
15) Acrylonitrile	5.557	53	201857	107.639	ug/l	99
16) Acetone	4.291	43	169622	102.454	ug/l	93
17) Carbon Disulfide	4.521	76	143701	16.758	ug/l	97
18) Methyl Acetate	4.862	43	101547	21.837	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	263467	20.539	ug/l	98
20) Methylene Chloride	5.098	84	84534	21.475	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	70929	19.380	ug/l	91
22) Diisopropyl ether	6.498	45	254862	19.737	ug/l	97
23) Vinyl Acetate	6.434	43	1069983m	96.922	ug/l	
24) 1,1-Dichloroethane	6.385	63	142769	19.833	ug/l	98
25) 2-Butanone	7.340	43	274763	99.944	ug/l	96
26) 2,2-Dichloropropane	7.327	77	121178	19.262	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	89553	19.552	ug/l	88
28) Bromochloromethane	7.657	49	69212	19.704	ug/l #	82
29) Tetrahydrofuran	7.689	42	173648	96.050	ug/l	90
30) Chloroform	7.818	83	160881	19.897	ug/l	96
31) Cyclohexane	8.094	56	120626	16.351	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	136055	19.405	ug/l	98
36) 1,1-Dichloropropene	8.220	75	109637	18.758	ug/l	96
37) Ethyl Acetate	7.415	43	102899	18.170	ug/l #	92
38) Carbon Tetrachloride	8.206	117	111091	19.269	ug/l	96
39) Methylcyclohexane	9.464	83	114967	17.968	ug/l	91
40) Benzene	8.461	78	334542	19.122	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
 Data File : VN067950.D
 Acq On : 28 Jul 2021 13:59
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:13:16 PM

Quant Time: Jul 29 02:50:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	53721	18.457	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	128274	19.743	ug/l	96
43) Isopropyl Acetate	8.566	43	194407	19.515	ug/l	96
44) Trichloroethene	9.218	130	87799	19.774	ug/l	86
45) 1,2-Dichloropropane	9.491	63	88339	19.943	ug/l	98
46) Dibromomethane	9.580	93	63900	20.331	ug/l	95
47) Bromodichloromethane	9.765	83	124123	20.201	ug/l	99
48) Methyl methacrylate	9.564	41	83917	19.046	ug/l	91
49) 1,4-Dioxane	9.572	88	30706	371.170	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	619517	101.229	ug/l	96
52) Toluene	10.508	92	221655	19.341	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	128442	18.674	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	139337	20.391	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	93043	21.185	ug/l	98
56) Ethyl methacrylate	10.762	69	136933	20.238	ug/l	91
57) 1,3-Dichloropropane	11.047	76	151730	20.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	135749	87.127	ug/l	94
59) 2-Hexanone	11.087	43	439702	102.931	ug/l	95
60) Dibromochloromethane	11.240	129	92909	18.781	ug/l	97
61) 1,2-Dibromoethane	11.347	107	91850	20.484	ug/l	99
64) Tetrachloroethene	10.980	164	80826	19.180	ug/l	97
65) Chlorobenzene	11.773	112	242671	19.792	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	90497	20.983	ug/l	99
67) Ethyl Benzene	11.846	91	425280	19.053	ug/l	99
68) m/p-Xylenes	11.956	106	324790	38.472	ug/l	87
69) o-Xylene	12.283	106	161249	19.427	ug/l	88
70) Styrene	12.296	104	265375	19.987	ug/l	94
71) Bromoform	12.463	173	58585	17.517	ug/l #	99
73) Isopropylbenzene	12.581	105	409266	19.726	ug/l	97
74) N-amyl acetate	12.390	43	150825	20.038	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	134471	22.332	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	115807m	22.053	ug/l	
77) Bromobenzene	12.862	156	93500	20.362	ug/l	79
78) n-propylbenzene	12.921	91	467721	19.932	ug/l	97
79) 2-Chlorotoluene	13.010	91	287947	20.311	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	338145	20.115	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	31451	19.310	ug/l	97
82) 4-Chlorotoluene	13.106	91	283740	20.226	ug/l	92
83) tert-Butylbenzene	13.326	119	286385	19.976	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	338386	20.543	ug/l	95
85) sec-Butylbenzene	13.503	105	390872	19.700	ug/l	97
86) p-Isopropyltoluene	13.619	119	316275	19.753	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	172970	20.305	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	169975	19.489	ug/l	97
89) n-Butylbenzene	13.946	91	263513	19.188	ug/l	97
90) Hexachloroethane	14.214	117	53352	20.063	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	167658	20.389	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	21482	20.541	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	71093	18.383	ug/l	98
94) Hexachlorobutadiene	15.373	225	33440	19.353	ug/l	97
95) Naphthalene	15.509	128	201508	18.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	67988	18.319	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072821\
Data File : VN067950.D
Acq On : 28 Jul 2021 13:59
Operator : JC/MD
Sample : VN0728WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

Manual Integrations
APPROVED

MMDadoda
7/29/2021 4:13:16 PM

Quant Time: Jul 29 02:50:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

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

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

