

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068295.D
 Acq On : 25 Aug 2021 12:38
 Operator : JC/MD
 Sample : VN0825WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 9:05:30 AM

Quant Time: Aug 26 04:01:11 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	8.086	168	556606	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	844734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	817970	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	398825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301490	50.730	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.460%	
35) Dibromofluoromethane	8.021	113	269525	50.821	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.640%	
50) Toluene-d8	10.443	98	1034924	51.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.734	95	348553	51.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	80621	18.280	ug/l	97
3) Chloromethane	2.301	50	89719	18.006	ug/l	100
4) Vinyl Chloride	2.443	62	145101	18.584	ug/l	96
5) Bromomethane	2.845	94	143129	21.467	ug/l	97
6) Chloroethane	3.011	64	109926	20.928	ug/l	98
7) Trichlorofluoromethane	3.368	101	297653	19.392	ug/l	100
8) Diethyl Ether	3.813	74	66832	18.771	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.202	101	93929	20.015	ug/l #	84
10) Methyl Iodide	4.414	142	120939	18.123	ug/l	89
11) Tert butyl alcohol	5.390	59	73091	98.620	ug/l	99
12) 1,1-Dichloroethene	4.173	96	83959	18.607	ug/l #	76
13) Acrolein	4.039	56	28976	51.772	ug/l	97
14) Allyl chloride	4.835	41	111082	19.259	ug/l #	93
15) Acrylonitrile	5.554	53	211263	101.177	ug/l	99
16) Acetone	4.291	43	178673	102.971	ug/l #	86
17) Carbon Disulfide	4.521	76	208787	17.899	ug/l	99
18) Methyl Acetate	4.857	43	101086	20.950	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	290580	19.975	ug/l	94
20) Methylene Chloride	5.093	84	107208	21.104	ug/l #	82
21) trans-1,2-Dichloroethene	5.594	96	96221	19.047	ug/l #	78
22) Diisopropyl ether	6.501	45	252400	20.032	ug/l #	93
23) Vinyl Acetate	6.434	43	963562	98.245	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	163225	19.389	ug/l	98
25) 2-Butanone	7.340	43	274021	101.333	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	149691	20.753	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	113837	18.820	ug/l	77
28) Bromochloromethane	7.657	49	74996	20.259	ug/l #	43
29) Tetrahydrofuran	7.691	42	177077	102.392	ug/l #	81
30) Chloroform	7.818	83	197903	19.734	ug/l	98
31) Cyclohexane	8.094	56	147663	18.864	ug/l #	83
32) 1,1,1-Trichloroethane	8.013	97	176761	19.765	ug/l	94
36) 1,1-Dichloropropene	8.223	75	132622	19.206	ug/l	92
37) Ethyl Acetate	7.415	43	108746	18.485	ug/l	94
38) Carbon Tetrachloride	8.206	117	160920	20.205	ug/l	97
39) Methylcyclohexane	9.462	83	163079	20.910	ug/l	85
40) Benzene	8.461	78	419058	19.883	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068295.D
 Acq On : 25 Aug 2021 12:38
 Operator : JC/MD
 Sample : VN0825WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 9:05:30 AM

Quant Time: Aug 26 04:01:11 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)
41) Methacrylonitrile	7.641	41	57228	21.307	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	142903	19.905	ug/l	93
43) Isopropyl Acetate	8.563	43	192512	20.429	ug/l #	91
44) Trichloroethene	9.218	130	124339	19.618	ug/l	75
45) 1,2-Dichloropropane	9.491	63	100426	20.258	ug/l	99
46) Dibromomethane	9.580	93	80185	19.828	ug/l #	78
47) Bromodichloromethane	9.762	83	155238	20.657	ug/l #	94
48) Methyl methacrylate	9.561	41	80030	20.380	ug/l #	81
49) 1,4-Dioxane	9.572	88	38527	405.899	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	608308	105.088	ug/l	90
52) Toluene	10.508	92	291377	20.279	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	152437	20.652	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	163239	20.412	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	115050	20.037	ug/l	93
56) Ethyl methacrylate	10.762	69	148334	20.117	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	175250	19.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	108955	82.496	ug/l #	82
59) 2-Hexanone	11.087	43	415115	103.279	ug/l	86
60) Dibromochloromethane	11.240	129	134251	20.725	ug/l	98
61) 1,2-Dibromoethane	11.347	107	123221	20.693	ug/l	99
64) Tetrachloroethene	10.977	164	130007	20.555	ug/l	88
65) Chlorobenzene	11.771	112	325355	19.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	128920	20.407	ug/l	99
67) Ethyl Benzene	11.846	91	543863	19.687	ug/l	93
68) m/p-Xylenes	11.956	106	448957	40.626	ug/l	78
69) o-Xylene	12.283	106	217274	20.348	ug/l	80
70) Styrene	12.296	104	344520	20.158	ug/l #	90
71) Bromoform	12.460	173	103333	20.396	ug/l #	99
73) Isopropylbenzene	12.581	105	550292	19.401	ug/l	94
74) N-amyl acetate	12.390	43	136927	18.539	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	161425	18.976	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	133178m	20.091	ug/l	
77) Bromobenzene	12.862	156	151911	19.440	ug/l	55
78) n-propylbenzene	12.924	91	592636	19.477	ug/l	91
79) 2-Chlorotoluene	13.010	91	357947	19.022	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	468801	20.430	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	39652	19.597	ug/l	88
82) 4-Chlorotoluene	13.106	91	349275	19.123	ug/l	84
83) tert-Butylbenzene	13.326	119	413066	20.272	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	448203	20.009	ug/l	90
85) sec-Butylbenzene	13.503	105	552746	20.602	ug/l	93
86) p-Isopropyltoluene	13.619	119	462895	20.902	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	262914	19.731	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	251282	18.615	ug/l	92
89) n-Butylbenzene	13.946	91	317279	19.205	ug/l	96
90) Hexachloroethane	14.211	117	82164	19.996	ug/l	75
91) 1,2-Dichlorobenzene	13.989	146	247304	19.493	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.603	75	24820	19.263	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.265	180	101756	17.158	ug/l	98
94) Hexachlorobutadiene	15.373	225	67835	19.743	ug/l	98
95) Naphthalene	15.507	128	212035	15.982	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	95750	17.132	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
Data File : VN068295.D
Acq On : 25 Aug 2021 12:38
Operator : JC/MD
Sample : VN0825WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations
APPROVED

MMDadoda
8/26/2021 9:05:30 AM

Quant Time: Aug 26 04:01:11 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)
----------	------	------	----------	------	-------	----------

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

