Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
Data File : VN068818.D
Acq On : 6 Oct 2021 14:32
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IBLK

Quant Time: Oct 07 06:00:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 14:41:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.088	168	471586	50.00	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.971	114	796567	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.746	117	696415	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	249334	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.440	65	324658	46.85	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.70%				
35) Dibromofluoromethane	8.024	113	251078	47.98	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.96%				
50) Toluene-d8	10.443	98	988109	48.42	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.84%				
62) 4-Bromofluorobenzene	12.733	95	290911	38.90	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 77.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.070	85	514	Below Cal			81
3) Chloromethane	2.303	50	1943	Below Cal		#	88
4) Vinyl Chloride	2.440	62	1304	Below Cal		#	35
5) Bromomethane	2.866	94	2008	0.27	ug/l		84
6) Chloroethane	3.009	64	379	Below Cal		#	44
7) Trichlorofluoromethane	3.384	101	1434	Below Cal		#	72
10) Methyl Iodide	4.425	142	1317	0.27	ug/l	#	89
12) 1,1-Dichloroethene	4.197	96	448	Below Cal		#	41
13) Acrolein	4.044	56	740	1.66	ug/l	#	66
15) Acrylonitrile	5.543	53	1370	0.64	ug/l	#	91
16) Acetone	4.304	43	2348	Below Cal			96
17) Carbon Disulfide	4.545	76	7706	Below Cal		#	93
20) Methylene Chloride	5.098	84	2055	Below Cal		#	82
21) trans-1,2-Dichloroethene	5.607	96	1583	Below Cal		#	63
25) 2-Butanone	7.343	43	2408	0.76	ug/l		95
29) Tetrahydrofuran	7.705	42	1557	0.81	ug/l	#	81
31) Cyclohexane	8.083	56	13364	Below Cal		#	42
36) 1,1-Dichloropropene	8.214	75	1628	0.26	ug/l	#	49
38) Carbon Tetrachloride	8.086	117	52002	6.86	ug/l	#	17
39) Methylcyclohexane	9.461	83	1491	0.21	ug/l	#	75
42) 1,2-Dichloroethane	8.533	62	2237	0.29	ug/l	#	79
44) Trichloroethene	9.220	130	2037	0.40	ug/l		99
46) Dibromomethane	9.585	93	1082	0.27	ug/l		96
49) 1,4-Dioxane	9.571	88	420	4.13	ug/l	#	65
51) 4-Methyl-2-Pentanone	10.333	43	9146	1.31	ug/l	#	60
52) Toluene	10.507	92	2988	0.23	ug/l		98
53) t-1,3-Dichloropropene	10.719	75	1805	0.22	ug/l	#	50
55) 1,1,2-Trichloroethane	10.907	97	1159	0.21	ug/l	#	87
56) Ethyl methacrylate	10.765	69	2229	0.29	ug/l	#	89
58) 2-Chloroethyl Vinyl ether	10.049	63	560	33.06	ug/l	#	50
59) 2-Hexanone	11.092	43	19830	3.95	ug/l		95
61) 1,2-Dibromoethane	11.344	107	1183	0.21	ug/l		85
64) Tetrachloroethene	10.982	164	1790	0.43	ug/l	#	77
65) Chlorobenzene	11.776	112	5758	0.43	ug/l		96
67) Ethyl Benzene	11.848	91	7563	0.31	ug/l		95
68) m/p-Xylenes	11.956	106	6058	0.66	ug/l		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) o-Xylene	12.285	106	2112	0.23	ug/l		92
70) Styrene	12.296	104	6380	0.42	ug/l	#	90
71) Bromoform	12.465	173	1354	0.35	ug/l	#	90
73) Isopropylbenzene	12.583	105	5879	0.30	ug/l		95
74) N-amyl acetate	12.393	43	9622	1.44	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.833	83	3544	0.60	ug/l	#	96
76) 1,2,3-Trichloropropane	12.733	75	166038	33.78	ug/l	#	100
77) Bromobenzene	12.865	156	3586	0.80	ug/l		78
78) n-propylbenzene	12.921	91	15427	0.69	ug/l		95
79) 2-Chlorotoluene	13.012	91	7478	0.56	ug/l		85
80) 1,3,5-Trimethylbenzene	13.061	105	6638	0.41	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.733	75	166038	97.87	ug/l	#	6
82) 4-Chlorotoluene	13.109	91	11648	0.88	ug/l		87
83) tert-Butylbenzene	13.331	119	4675	0.32	ug/l		83
84) 1,2,4-Trimethylbenzene	13.372	105	10003	0.63	ug/l		93
85) sec-Butylbenzene	13.503	105	10051	0.49	ug/l		91
86) p-Isopropyltoluene	13.618	119	9503	0.57	ug/l		91
87) 1,3-Dichlorobenzene	13.618	146	10461	1.24	ug/l		96
88) 1,4-Dichlorobenzene	13.618	146	10461	1.26	ug/l		97
89) n-Butylbenzene	13.946	91	18365	1.31	ug/l		97
91) 1,2-Dichlorobenzene	13.991	146	11071	1.37	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2647	2.61	ug/l		80
93) 1,2,4-Trichlorobenzene	15.265	180	18941	5.11	ug/l		97
94) Hexachlorobutadiene	15.375	225	2537	1.28	ug/l		92
95) Naphthalene	15.509	128	82350	8.32	ug/l		98
96) 1,2,3-Trichlorobenzene	15.702	180	24188	6.95	ug/l		95

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

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