Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
Data File : BF113283.D
Acq On : 25 Mar 2019 17:04
Operator : JU/SJ
Sample : K1560-07
Misc : LOQ 8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Manual Integrations APPROVED
Sohil
3/26/2019 6:21:10 PM

Quant Time: Mar 28 04:30:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175284	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	658223	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	321889	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	656090	20.00	ng		0.00
76) Chrysene-d12	13.84	240	587275	20.00	ng		0.00
87) Perylene-d12	15.24	264	557562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	960976	89.64	ng		0.00
7) Phenol-d6	6.35	99	1340134	98.82	ng		0.00
23) Nitrobenzene-d5	7.27	82	927699	83.65	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	420015	105.64	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1648499	79.03	ng		0.00
79) Terphenyl-d14	12.79	244	1887737	70.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	37821	6.954	ng		99
3) Pyridine	3.14	79	84432	6.297	ng		95
4) n-Nitrosodimethylamine	3.00	42	41106	6.896	ng	#	94
8) 2-Chlorophenol	6.49	128	103652	8.326	ng		95
10) Phenol	6.36	94	128244	8.283	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	96068	8.095	ng		99
12) 1,3-Dichlorobenzene	6.65	146	113583	8.465	ng		96
13) 1,4-Dichlorobenzene	6.72	146	114368	8.827	ng		99
14) 1,2-Dichlorobenzene	6.87	146	105674	8.291	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	154870	8.687	ng		99
17) 2-Methylphenol	6.97	107	84156	8.626	ng		96
18) Hexachloroethane	7.22	117	40364	8.674	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	72705	8.535	ng		99
22) Acetophenone	7.11	105	139539	9.296	ng	#	96
24) Nitrobenzene	7.28	77	108784	9.400	ng		93
25) Isophorone	7.52	82	193012	8.981	ng		98
26) 2-Nitrophenol	7.60	139	54009	8.830	ng		92
27) 2,4-Dimethylphenol	7.65	122	79015	8.980	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	126925	9.378	ng		99
29) 2,4-Dichlorophenol	7.85	162	85740	8.992	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	95680	9.300	ng		97
31) Naphthalene	8.00	128	307070	9.546	ng		98
34) Hexachlorobutadiene	8.13	225	57106	9.339	ng		97
35) Caprolactam	8.39	113	25817	8.436	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	88021	9.178	ng		98
37) 2-Methylnaphthalene	8.70	142	202259	10.077	ng		99
38) 1-Methylnaphthalene	8.79	142	195261	10.115	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	95881	9.280	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	54083	8.038	ng		100
44) 2,4,5-Trichlorophenol	9.03	196	58115	7.804	ng		99
46) 1,1'-Biphenyl	9.16	154	259578	9.655	ng		98
47) 2-Chloronaphthalene	9.18	162	189325	9.146	ng		99
48) 2-Nitroaniline	9.28	65	55056	8.476	ng		98
49) Acenaphthylene	9.59	152	324487	9.695	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dimethylphthalate	9.46	163	217227	9.106	ng		99
51) 2,6-Dinitrotoluene	9.52	165	47490	8.825	ng		98
52) Acenaphthene	9.76	154	179981	9.549	ng		99
53) 3-Nitroaniline	9.69	138	52856	8.709	ng		93
55) Dibenzofuran	9.94	168	280891	9.913	ng		98
57) 2,4-Dinitrotoluene	9.93	165	62158	9.083	ng		91
58) Fluorene	10.28	166	219826	9.987	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	56402m	8.957	ng		
60) Diethylphthalate	10.15	149	214666	9.173	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	106856	9.960	ng		92
62) 4-Nitroaniline	10.29	138	54707	8.755	ng		95
63) Azobenzene	10.43	77	206918	9.393	ng		98
66) n-Nitrosodiphenylamine	10.39	169	188904	9.383	ng		96
67) 4-Bromophenyl-phenylether	10.76	248	66000	9.230	ng		93
68) Hexachlorobenzene	10.83	284	77574	9.346	ng		98
69) Atrazine	10.92	200	57036	8.976	ng		98
71) Phenanthrene	11.23	178	317693	9.751	ng		99
72) Anthracene	11.29	178	329883	9.968	ng		98
73) Carbazole	11.44	167	304726	9.650	ng		98
74) Di-n-butylphthalate	11.77	149	350668	9.576	ng		99
75) Fluoranthene	12.42	202	359463	9.759	ng		99
77) Benzidine	12.54	184	183581	8.163	ng	#	93
78) Pyrene	12.64	202	368370	9.052	ng		98
80) Butylbenzylphthalate	13.26	149	145918	8.136	ng		97
81) Benzo(a)anthracene	13.83	228	313383	9.322	ng		98
82) 3,3'-Dichlorobenzidine	13.79	252	118848	8.813	ng		100
83) Chrysene	13.86	228	325009	9.518	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	193969	8.822	ng	#	99
85) Di-n-octyl phthalate	14.43	149	342432	9.175	ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	286559	9.779	ng		98
88) Benzo(b)fluoranthene	14.84	252	314463	9.079	ng		98
89) Benzo(k)fluoranthene	14.87	252	277958	9.138	ng		98
90) Benzo(a)pyrene	15.18	252	274972	8.955	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	238627	8.988	ng		98
92) Benzo(g,h,i)perylene	16.99	276	227664	8.504	ng		99

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

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