Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096732.D
Acq On : 13 Jul 2017 17:19
Operator : SJ/JU
Sample : I3757-05
Misc : 1PPM LOD
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT3-2017

Manual Integrations APPROVED
mohammad
7/17/2017 8:11:14 AM

Quant Time: Jul 14 17:08:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112107	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	492385	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	216652	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	332075	20.00	ng		0.00
75) Chrysene-d12	13.77	240	255283	20.00	ng		0.00
86) Perylene-d12	15.15	264	160705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	922548	123.73	ng		0.00
7) Phenol-d6	6.28	99	1145708	128.05	ng		0.00
23) Nitrobenzene-d5	7.20	82	750865	94.46	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	226777	122.63	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1174525	85.65	ng		0.00
78) Terphenyl-d14	12.73	244	948319	64.42	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.30	93	11086	1.006	ng		91
8) 2-Chlorophenol	6.42	128	7817	0.972	ng		98
9) Benzaldehyde	6.18	77	4285	0.829	ng		97
10) Phenol	6.29	94	11689	1.156	ng		89
11) bis(2-Chloroethyl)ether	6.37	93	8015	1.054	ng		94
12) 1,3-Dichlorobenzene	6.57	146	8508	0.995	ng		91
13) 1,4-Dichlorobenzene	6.65	146	8631m	0.997	ng		
14) 1,2-Dichlorobenzene	6.80	146	7931m	1.007	ng		
15) Benzyl Alcohol	6.79	79	15158	2.588	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	6.92	45	13945	0.888	ng		91
18) Hexachloroethane	7.15	117	3043	0.991	ng	#	79
24) Nitrobenzene	7.22	77	10178	1.238	ng		93
31) Naphthalene	7.93	128	24808	1.064	ng		99
34) Hexachlorobutadiene	8.06	225	3333	0.965	ng	#	87
37) 2-Methylnaphthalene	8.63	142	14932	1.004	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	6240	1.065	ng		98
45) 1,1'-Biphenyl	9.09	154	21104	1.136	ng		97
46) 2-Chloronaphthalene	9.11	162	13397	0.979	ng		91
47) 2-Nitroaniline	9.21	65	3792	0.806	ng		99
48) Acenaphthylene	9.52	152	20388	0.935	ng		97
49) Dimethylphthalate	9.39	163	16337	1.001	ng		97
50) 2,6-Dinitrotoluene	9.45	165	3016	0.854	ng		98
51) Acenaphthene	9.70	154	13605	1.056	ng		97
54) Dibenzofuran	9.87	168	19091	1.058	ng		99
57) Fluorene	10.21	166	16195	1.214	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	2455	0.812	ng	#	93
59) Diethylphthalate	10.09	149	14727	0.927	ng	#	96
62) Azobenzene	10.37	77	14025	1.001	ng		88
65) n-Nitrosodiphenylamine	10.32	169	13634	1.149	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	3275	0.966	ng	#	86
67) Hexachlorobenzene	10.76	284	3933	1.042	ng		99
68) Atrazine	10.85	200	3222	0.953	ng		90
70) Phenanthrene	11.16	178	19456	1.078	ng		96
71) Anthracene	11.22	178	19443	1.065	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.37	167	18932	1.071	ng		98
73) Di-n-butylphthalate	11.72	149	24601	1.117	ng		98
74) Fluoranthene	12.34	202	19431	1.124	ng		96
77) Pyrene	12.57	202	19987	0.863	ng		97
79) Butylbenzylphthalate	13.20	149	8642	1.570	ng	#	76
80) Benzo(a)anthracene	13.76	228	14691	0.924	ng		97
82) Chrysene	13.79	228	16138	1.031	ng		96
83) Bis(2-ethylhexyl)phthalate	13.77	149	12246	0.913	ng		95
84) Di-n-octyl phthalate	14.38	149	16077	0.726	ng	#	76
85) Indeno(1,2,3-cd)pyrene	16.46	276	11589	4.098	ng		93
87) Benzo(b)fluoranthene	14.76	252	11526m	1.189	ng		
88) Benzo(k)fluoranthene	14.79	252	10095	1.100	ng		97
89) Benzo(a)pyrene	15.09	252	8789	0.989	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	8057	0.985	ng	#	89
91) Benzo(g,h,i)perylene	16.84	276	9357	1.068	ng	#	88

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

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