Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035852.D
Acq On : 24 Jul 2018 17:59
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 1PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Manual Integrations APPROVED
Sohil
7/25/2018 6:34:57 PM

Quant Time: Jul 25 17:29:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34132	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	118994	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	84386	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	239864	20.00	ng		0.00
75) Chrysene-d12	21.66	240	297543	20.00	ng		0.00
86) Perylene-d12	24.86	264	271682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	244342	118.85	ng		0.00
7) Phenol-d6	7.19	99	351633	114.64	ng		0.00
23) Nitrobenzene-d5	9.18	82	239849	84.20	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	156054	140.30	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	576387	91.51	ng		0.00
78) Terphenyl-d14	20.00	244	1349744	99.99	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.35	93	2063	0.519	ng	#	83
8) 2-Chlorophenol	7.59	128	2153	1.030	ng		87
9) Benzaldehyde	7.18	77	1907	1.013	ng		81
10) Phenol	7.22	94	2839	0.916	ng	#	1
11) bis(2-Chloroethyl)ether	7.45	93	1762	0.726	ng	#	67
12) 1,3-Dichlorobenzene	7.92	146	2340	0.927	ng	#	77
13) 1,4-Dichlorobenzene	8.07	146	2224	0.867	ng	#	87
14) 1,2-Dichlorobenzene	8.37	146	2316m	0.940	ng		
15) Benzyl Alcohol	8.28	79	1333	0.479	ng	#	57
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1933	0.950	ng		69
18) Hexachloroethane	9.11	117	671	0.684	ng	#	57
24) Nitrobenzene	9.23	77	2686	0.938	ng		93
31) Naphthalene	10.89	128	5838	0.942	ng	#	83
34) Hexachlorobutadiene	11.16	225	2168	1.153	ng	#	86
37) 2-Methylnaphthalene	12.50	142	4077	0.883	ng		87
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	3146	0.988	ng	#	83
45) 1,1'-Biphenyl	13.48	154	6373	0.974	ng		92
46) 2-Chloronaphthalene	13.53	162	4840	0.951	ng	#	87
48) Acenaphthylene	14.38	152	7472	0.877	ng	#	86
49) Dimethylphthalate	14.11	163	6247	0.845	ng	#	79
50) 2,6-Dinitrotoluene	14.24	165	1100	0.731	ng		85
51) Acenaphthene	14.71	154	4891	0.921	ng	#	72
54) Dibenzofuran	15.07	168	8679	1.028	ng	#	89
57) Fluorene	15.70	166	7347	1.038	ng	#	89
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1279	0.640	ng	#	63
59) Diethylphthalate	15.46	149	6286	0.827	ng	#	84
62) Azobenzene	15.98	77	6332	0.844	ng		92
65) n-Nitrosodiphenylamine	15.91	169	5658	0.829	ng	#	77
66) 4-Bromophenyl-phenylether	16.59	248	1848	0.664	ng	#	64
67) Hexachlorobenzene	16.71	284	3108	1.085	ng	#	72
68) Atrazine	16.86	200	1973	0.702	ng	#	72
70) Phenanthrene	17.44	178	12416	1.037	ng	#	94
71) Anthracene	17.53	178	11867	0.996	ng	#	89
72) Carbazole	17.83	167	8225	0.727	ng	#	95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.35	149	11153	0.834	ng	#	97
74) Fluoranthene	19.45	202	15263	0.947	ng		97
77) Pyrene	19.81	202	15589	0.829	ng		97
79) Butylbenzylphthalate	20.69	149	5176	0.769	ng	#	84
80) Benzo(a)anthracene	21.64	228	18585	1.002	ng		97
82) Chrysene	21.70	228	17679m	1.029	ng		
83) Bis(2-ethylhexyl)phthalate	21.54	149	7425	0.812	ng	#	95
84) Di-n-octyl phthalate	22.74	149	12189	0.796	ng	#	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	12706m	0.668	ng		
87) Benzo(b)fluoranthene	23.85	252	14167	0.858	ng		96
88) Benzo(k)fluoranthene	23.91	252	15566m	0.964	ng		
89) Benzo(a)pyrene	24.70	252	13185	0.858	ng	#	91
90) Dibenzo(a,h)anthracene	28.62	278	11185m	0.742	ng		
91) Benzo(g,h,i)perylene	29.65	276	12024m	0.815	ng		

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

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