Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035867.D
Acq On : 25 Jul 2018 10:39
Operator : JU/SJ
Sample : J3762-08
Misc : LOQ 20PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2018

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:22 PM

Quant Time: Jul 25 11:23:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38806	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	147204	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	107186	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	280166	20.00	ng		0.00
75) Chrysene-d12	21.66	240	302341	20.00	ng		0.00
86) Perylene-d12	24.85	264	284902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	305522	130.71	ng		0.00
7) Phenol-d6	7.20	99	427952	122.72	ng		0.00
23) Nitrobenzene-d5	9.19	82	278471	79.03	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	193836	137.20	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	676364	84.54	ng		0.00
78) Terphenyl-d14	20.00	244	1175609	85.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20283	17.050	ng	#	78
3) Pyridine	3.92	79	53912	17.359	ng	#	74
4) n-Nitrosodimethylamine	3.84	42	20943	15.705	ng	#	87
6) Aniline	7.35	93	65555	14.503	ng		96
8) 2-Chlorophenol	7.60	128	49054	20.635	ng		95
9) Benzaldehyde	7.17	77	48858	22.833	ng		94
10) Phenol	7.23	94	72010	20.438	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	50545	18.319	ng		90
12) 1,3-Dichlorobenzene	7.92	146	56787	19.781	ng		97
13) 1,4-Dichlorobenzene	8.06	146	59072	20.252	ng		94
14) 1,2-Dichlorobenzene	8.38	146	56712	20.239	ng		96
15) Benzyl Alcohol	8.27	79	53646	16.940	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	55711	24.083	ng		79
17) 2-Methylphenol	8.47	107	46962	19.605	ng	#	90
18) Hexachloroethane	9.11	117	22368	20.057	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	45666	15.550	ng	#	83
20) 3+4-Methylphenols	8.80	107	63121	18.994	ng		95
22) Acetophenone	8.85	105	82575	18.039	ng	#	92
24) Nitrobenzene	9.23	77	67131	18.943	ng	#	96
25) Isophorone	9.75	82	127724	19.526	ng		97
26) 2-Nitrophenol	9.94	139	27548	21.888	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	48044	22.551	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	67952	18.852	ng		95
29) 2,4-Dichlorophenol	10.49	162	53244	21.894	ng		82
30) 1,2,4-Trichlorobenzene	10.69	180	63802	21.395	ng		97
31) Naphthalene	10.88	128	154084	20.094	ng		95
32) Benzoic acid	10.12	122	17872m	12.461	ng		
33) 4-Chloroaniline	11.00	127	48137	14.403	ng		95
34) Hexachlorobutadiene	11.16	225	47463	20.411	ng		95
35) Caprolactam	11.75	113	18185	17.425	ng	#	72
36) 4-Chloro-3-methylphenol	12.11	107	65535	20.104	ng		99
37) 2-Methylnaphthalene	12.48	142	118280	20.705	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	80155	19.813	ng		98
40) Hexachlorocyclopentadiene	12.82	237	45522	21.456	ng		91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	51556	21.792	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	55224	20.865	ng		95
45) 1,1'-Biphenyl	13.48	154	164431	19.787	ng		99
46) 2-Chloronaphthalene	13.53	162	127136	19.669	ng		95
47) 2-Nitroaniline	13.73	65	40684	17.803	ng		90
48) Acenaphthylene	14.37	152	212737	19.647	ng		98
49) Dimethylphthalate	14.10	163	176509	18.795	ng		99
50) 2,6-Dinitrotoluene	14.22	165	40029	20.932	ng	#	89
51) Acenaphthene	14.72	154	120447	17.857	ng		98
52) 3-Nitroaniline	14.56	138	29875	15.285	ng	#	93
53) 2,4-Dinitrophenol	14.77	184	10601	16.475	ng	#	56
54) Dibenzofuran	15.04	168	212360	19.796	ng		94
55) 4-Nitrophenol	14.88	139	25160	18.075	ng	#	89
56) 2,4-Dinitrotoluene	15.01	165	57934	21.116	ng	#	82
57) Fluorene	15.70	166	172937	19.235	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	53597	21.121	ng		95
59) Diethylphthalate	15.46	149	175663	18.191	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	97946	18.535	ng		98
61) 4-Nitroaniline	15.71	138	36960	18.077	ng		95
62) Azobenzene	15.98	77	177873	18.674	ng		93
64) 4,6-Dinitro-2-methylphenol	15.77	198	28217	18.093	ng		86
65) n-Nitrosodiphenylamine	15.90	169	150968	18.931	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	65520	20.158	ng		98
67) Hexachlorobenzene	16.70	284	68112	20.348	ng		98
68) Atrazine	16.85	200	68645	20.907	ng		95
69) Pentachlorophenol	17.05	266	24146	11.843	ng		97
70) Phenanthrene	17.44	178	279445	19.989	ng		96
71) Anthracene	17.52	178	282335	20.283	ng		97
72) Carbazole	17.80	167	262963	19.892	ng		97
73) Di-n-butylphthalate	18.35	149	299561	19.176	ng		98
74) Fluoranthene	19.44	202	380121	20.186	ng		98
76) Benzidine	19.63	184	82992	10.441	ng		99
77) Pyrene	19.80	202	381874	19.975	ng		99
79) Butylbenzylphthalate	20.68	149	139918	20.466	ng		97
80) Benzo(a)anthracene	21.64	228	378411	20.084	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	97742	14.878	ng	#	97
82) Chrysene	21.70	228	352326	20.180	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	190014	20.444	ng		100
84) Di-n-octyl phthalate	22.73	149	328027	21.079	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.49	276	383543	19.842	ng	#	86
87) Benzo(b)fluoranthene	23.84	252	342235	19.764	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	348529	20.588	ng	#	97
89) Benzo(a)pyrene	24.70	252	338540	21.015	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	321037	20.299	ng	#	94
91) Benzo(g,h,i)perylene	29.62	276	323076	20.876	ng	#	94

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

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