Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036255.D
Acq On : 10 Aug 2018 6:04
Operator : JU/SJ
Sample : J4398-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-P10A(0-5)

Quant Time: Aug 10 08:22:27 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 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	2762	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	3206	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	2976	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	7940	20.00	ng	0.00
75) Chrysene-d12	21.64	240	8555	20.00	ng	-0.02
86) Perylene-d12	24.84	264	7673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227529	1367.67	ng	0.00
7) Phenol-d6	7.18	99	336715	1356.57	ng	-0.01
23) Nitrobenzene-d5	9.17	82	223863	2916.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	157058	4003.97	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	527460	2374.53	ng	-0.02
78) Terphenyl-d14	19.98	244	941071	2424.78	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	370	4.370	ng	# 14
6) Aniline	7.34	93	841	2.614	ng	# 84
8) 2-Chlorophenol	7.58	128	652	3.853	ng	# 52
9) Benzaldehyde	7.16	77	345	2.265	ng	# 68
10) Phenol	7.21	94	4616	18.408	ng	# 37
11) bis(2-Chloroethyl)ether	7.43	93	668	3.401	ng	# 44
12) 1,3-Dichlorobenzene	7.91	146	732	3.583	ng	# 55
13) 1,4-Dichlorobenzene	8.05	146	800	3.854	ng	# 92
14) 1,2-Dichlorobenzene	8.37	146	581	2.913	ng	# 78
15) Benzyl Alcohol	8.32	79	4473	19.845	ng	# 51
17) 2-Methylphenol	8.46	107	477	2.798	ng	# 71
19) n-Nitroso-di-n-propylamine	9.18	70	32163	153.880	ng	# 68
22) Acetophenone	8.84	105	1071	10.743	ng	# 80
24) Nitrobenzene	9.21	77	1071	13.876	ng	# 42
25) Isophorone	9.75	82	1680	11.792	ng	# 37
26) 2-Nitrophenol	9.97	139	126	4.597	ng	# 29
27) 2,4-Dimethylphenol	10.04	122	263	5.668	ng	# 1
29) 2,4-Dichlorophenol	10.56	162	254	4.796	ng	# 23
30) 1,2,4-Trichlorobenzene	10.69	180	658	10.131	ng	# 68
31) Naphthalene	10.88	128	2342	14.024	ng	# 84
32) Benzoic acid	10.07	122	337	10.789	ng	# 1
34) Hexachlorobutadiene	11.14	225	711	14.039	ng	89
35) Caprolactam	12.20	113	80	3.520	ng	# 1
36) 4-Chloro-3-methylphenol	12.16	107	678	9.550	ng	# 59
37) 2-Methylnaphthalene	12.48	142	1429	11.485	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1178	10.487	ng	# 81
42) 2,4,6-Trichlorophenol	13.12	196	385	5.861	ng	# 50
43) 2,4,5-Trichlorophenol	13.12	196	385	5.239	ng	# 64
45) 1,1'-Biphenyl	13.48	154	2847	12.339	ng	92
46) 2-Chloronaphthalene	13.52	162	1991	11.094	ng	# 82
48) Acenaphthylene	14.36	152	3369	11.206	ng	96
49) Dimethylphthalate	14.09	163	86938	333.426	ng	# 98
50) 2,6-Dinitrotoluene	14.23	165	564	10.622	ng	# 56
51) Acenaphthene	14.70	154	2155	11.507	ng	# 75

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	15.04	168	3625	12.171	ng		97
55) 4-Nitrophenol	15.05	139	1399	36.198	ng	#	1
56) 2,4-Dinitrotoluene	15.02	165	554	7.273	ng	#	56
57) Fluorene	15.69	166	2581	10.339	ng		88
58) 2,3,4,6-Tetrachlorophenol	15.29	232	752	10.673	ng	#	50
59) Diethylphthalate	15.44	149	3423	12.767	ng	#	90
60) 4-Chlorophenyl-phenylether	15.67	204	1515	10.326	ng	#	87
62) Azobenzene	15.97	77	2548	9.635	ng		92
64) 4,6-Dinitro-2-methylphenol	16.13	198	550	12.444	ng		91
65) n-Nitrosodiphenylamine	15.90	169	2093	9.261	ng		89
66) 4-Bromophenyl-phenylether	16.58	248	1057	11.474	ng	#	78
67) Hexachlorobenzene	16.68	284	1077	11.353	ng	#	62
68) Atrazine	16.84	200	977	10.500	ng	#	67
70) Phenanthrene	17.43	178	5752	14.518	ng	#	92
71) Anthracene	17.52	178	4170	10.570	ng	#	96
72) Carbazole	17.82	167	3005	8.021	ng	#	72
73) Di-n-butylphthalate	18.33	149	9325	21.062	ng	#	96
74) Fluoranthene	19.44	202	7897	14.798	ng		92
76) Benzidine	19.98	184	17538	77.977	ng	#	86
77) Pyrene	19.80	202	8137	15.042	ng		98
79) Butylbenzylphthalate	20.68	149	2533	13.094	ng		97
80) Benzo(a)anthracene	21.64	228	6386	11.978	ng	#	85
82) Chrysene	21.69	228	7313	14.803	ng	#	89
83) Bis(2-ethylhexyl)phthalate	21.52	149	4384	16.670	ng	#	98
84) Di-n-octyl phthalate	22.70	149	5288	12.009	ng	#	89
85) Indeno(1,2,3-cd)pyrene	28.48	276	1816	3.320	ng	#	77
87) Benzo(b)fluoranthene	23.83	252	6982	14.971	ng		94
88) Benzo(k)fluoranthene	23.90	252	4275	9.376	ng		95
89) Benzo(a)pyrene	24.69	252	2903	6.691	ng	#	92
91) Benzo(g,h,i)perylene	29.62	276	1988	4.770	ng	#	74

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

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