Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036257.D
Acq On : 10 Aug 2018 7:22
Operator : JU/SJ
Sample : J4398-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-P10A(5-10)

Quant Time: Aug 10 08:10:55 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	8.01	152	1997	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	1730	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	1288	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	3792	20.00	ng	0.00
75) Chrysene-d12	21.65	240	3747	20.00	ng	0.00
86) Perylene-d12	24.85	264	3265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	239925	1994.65	ng	0.00
7) Phenol-d6	7.18	99	347131	1934.28	ng	-0.01
23) Nitrobenzene-d5	9.17	82	235376	5683.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	168702	9937.28	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	534708	5561.88	ng	-0.02
78) Terphenyl-d14	19.98	244	934690	5498.63	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	724	11.826	ng	# 63
8) 2-Chlorophenol	7.58	128	843	6.891	ng	# 21
9) Benzaldehyde	7.18	77	670	6.085	ng	# 29
10) Phenol	7.21	94	4680	25.812	ng	# 56
11) bis(2-Chloroethyl)ether	7.42	93	726	5.113	ng	# 71
12) 1,3-Dichlorobenzene	7.90	146	980	6.634	ng	# 68
13) 1,4-Dichlorobenzene	8.04	146	843	5.616	ng	# 67
14) 1,2-Dichlorobenzene	8.36	146	832	5.770	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1032	8.669	ng	75
17) 2-Methylphenol	8.46	107	589	4.778	ng	# 28
18) Hexachloroethane	9.08	117	279	4.861	ng	# 53
19) n-Nitroso-di-n-propylamine	9.17	70	32835	217.274	ng	# 69
22) Acetophenone	8.84	105	1407	26.153	ng	# 94
24) Nitrobenzene	9.22	77	1424	34.191	ng	# 42
25) Isophorone	9.76	82	1902	24.741	ng	# 69
26) 2-Nitrophenol	9.95	139	60	4.056	ng	# 29
27) 2,4-Dimethylphenol	10.07	122	594	23.724	ng	# 39
28) bis(2-Chloroethoxy)methane	10.27	93	147	3.470	ng	# 51
29) 2,4-Dichlorophenol	10.40	162	78	2.729	ng	# 23
30) 1,2,4-Trichlorobenzene	10.70	180	429	12.241	ng	# 86
31) Naphthalene	10.88	128	2564	28.452	ng	# 68
32) Benzoic acid	10.07	122	594	35.241	ng	# 1
33) 4-Chloroaniline	11.04	127	82	2.088	ng	# 46
34) Hexachlorobutadiene	11.14	225	894	32.713	ng	# 65
35) Caprolactam	11.80	113	91	7.419	ng	# 33
36) 4-Chloro-3-methylphenol	12.16	107	378	9.867	ng	# 45
37) 2-Methylnaphthalene	12.48	142	1975	29.417	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1587	32.645	ng	# 77
40) Hexachlorocyclopentadiene	12.82	237	69	2.706	ng	# 22
42) 2,4,6-Trichlorophenol	13.11	196	602	21.175	ng	# 11
43) 2,4,5-Trichlorophenol	13.11	196	602	18.929	ng	# 17
45) 1,1'-Biphenyl	13.47	154	3300	33.047	ng	97
46) 2-Chloronaphthalene	13.52	162	2141	27.564	ng	98
47) 2-Nitroaniline	13.76	65	134	4.880	ng	# 9

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.36	152	3010	23.134	ng	#	78
49) Dimethylphthalate	14.09	163	97042	859.937	ng	#	98
50) 2,6-Dinitrotoluene	14.23	165	359	15.622	ng	#	18
51) Acenaphthene	14.70	154	2361	29.130	ng	#	80
54) Dibenzofuran	15.04	168	3185	24.709	ng	#	74
55) 4-Nitrophenol	15.04	139	1316	78.677	ng	#	1
56) 2,4-Dinitrotoluene	15.02	165	395	11.981	ng	#	39
57) Fluorene	15.68	166	3319	30.720	ng	#	60
58) 2,3,4,6-Tetrachlorophenol	15.28	232	589	19.316	ng	#	48
59) Diethylphthalate	15.44	149	3886	33.489	ng	#	75
60) 4-Chlorophenyl-phenylether	15.67	204	1821	28.677	ng	#	72
61) 4-Nitroaniline	16.02	138	56	2.279	ng	#	12
62) Azobenzene	15.97	77	2484	21.702	ng	#	82
64) 4,6-Dinitro-2-methylphenol	16.12	198	670	31.740	ng	#	5
65) n-Nitrosodiphenylamine	15.89	169	2455	22.745	ng	#	70
66) 4-Bromophenyl-phenylether	16.58	248	957	21.753	ng	#	83
67) Hexachlorobenzene	16.69	284	995	21.962	ng	#	79
68) Atrazine	16.86	200	1155	25.990	ng	#	35
70) Phenanthrene	17.44	178	4702	24.850	ng	#	93
71) Anthracene	17.53	178	4622	24.532	ng	#	90
72) Carbazole	17.81	167	1115	6.232	ng	#	84
73) Di-n-butylphthalate	18.34	149	8401	39.732	ng	#	96
74) Fluoranthene	19.44	202	5912	23.196	ng		96
76) Benzidine	19.98	184	16652	169.039	ng	#	85
77) Pyrene	19.80	202	5779	24.391	ng	#	93
79) Butylbenzylphthalate	20.68	149	2748	32.434	ng		95
80) Benzo(a)anthracene	21.63	228	5277	22.599	ng		93
81) 3,3'-Dichlorobenzidine	21.58	252	531	6.522	ng	#	38
82) Chrysene	21.63	228	5277	24.388	ng		91
83) Bis(2-ethylhexyl)phthalate	21.52	149	5680	49.312	ng	#	81
84) Di-n-octyl phthalate	22.71	149	5124	26.568	ng	#	70
85) Indeno(1,2,3-cd)pyrene	28.50	276	670	2.797	ng	#	54
87) Benzo(b)fluoranthene	23.83	252	5485	27.640	ng	#	92
88) Benzo(k)fluoranthene	23.89	252	5733	29.550	ng	#	93
89) Benzo(a)pyrene	24.69	252	4617	25.008	ng	#	92
90) Dibenzo(a,h)anthracene	28.57	278	1177	6.494	ng	#	87
91) Benzo(g,h,i)perylene	29.62	276	1381	7.786	ng	#	56

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

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