Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038231.D
Acq On : 29 Nov 2018 12:27
Operator : JU/SJ
Sample : PB115120BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115120BSD

Quant Time: Nov 29 13:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32225	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	145352	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	93146	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	210399	20.00	ng		0.00
76) Chrysene-d12	21.75	240	197669	20.00	ng		0.00
87) Perylene-d12	25.07	264	203755	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	145394	77.90	ng		0.00
7) Phenol-d6	7.23	99	202523	76.02	ng		0.00
23) Nitrobenzene-d5	9.26	82	183282	67.50	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	70168	66.05	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	421248	65.89	ng		-0.01
79) Terphenyl-d14	20.07	244	629870	74.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	21600	24.501	ng	#	91
3) Pyridine	3.92	79	61591	24.491	ng		91
4) n-Nitrosodimethylamine	3.84	42	36674	40.197	ng		96
6) Aniline	7.41	93	40874	11.887	ng		94
8) 2-Chlorophenol	7.64	128	79865	36.878	ng		98
9) Benzaldehyde	7.22	77	47709	24.762	ng		98
10) Phenol	7.26	94	104587	37.062	ng		94
11) bis(2-Chloroethyl)ether	7.50	93	71785	31.159	ng		97
12) 1,3-Dichlorobenzene	7.97	146	76504	30.664	ng		97
13) 1,4-Dichlorobenzene	8.12	146	77792	30.867	ng		97
14) 1,2-Dichlorobenzene	8.44	146	75060	31.195	ng		99
15) Benzyl Alcohol	8.32	79	70684	36.666	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.60	45	152701	35.695	ng		98
17) 2-Methylphenol	8.52	107	71483	37.467	ng		96
18) Hexachloroethane	9.16	117	28862	31.467	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	59967	31.107	ng		97
20) 3+4-Methylphenols	8.84	107	95678	35.376	ng		95
22) Acetophenone	8.91	105	115974	32.069	ng	#	98
24) Nitrobenzene	9.30	77	92510	33.305	ng		99
25) Isophorone	9.82	82	169727	34.728	ng		99
26) 2-Nitrophenol	10.01	139	43492	31.364	ng	#	89
27) 2,4-Dimethylphenol	10.05	122	80618	38.586	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	101498	32.478	ng		98
29) 2,4-Dichlorophenol	10.55	162	82806	35.236	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	80748	30.663	ng		95
31) Naphthalene	10.95	128	241863	33.831	ng		99
32) Benzoic acid	10.16	122	27770	27.672	ng		97
33) 4-Chloroaniline	11.07	127	32580	9.797	ng	#	94
34) Hexachlorobutadiene	11.22	225	47484	29.297	ng		89
35) Caprolactam	11.85	113	28267	30.051	ng	#	88
36) 4-Chloro-3-methylphenol	12.17	107	88957	34.648	ng		99
37) 2-Methylnaphthalene	12.55	142	181268	35.299	ng		99
38) 1-Methylnaphthalene	12.77	142	171371	34.669	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	93170	29.934	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	106807	64.084 ng		95
43) 2,4,6-Trichlorophenol	13.15	196	66524	31.365 ng		99
44) 2,4,5-Trichlorophenol	13.22	196	72440	32.460 ng		99
46) 1,1'-Biphenyl	13.55	154	232896	29.762 ng		99
47) 2-Chloronaphthalene	13.60	162	183890	30.795 ng		98
48) 2-Nitroaniline	13.81	65	64080	34.097 ng		97
49) Acenaphthylene	14.45	152	303073	33.751 ng		98
50) Dimethylphthalate	14.16	163	235059	31.832 ng		99
51) 2,6-Dinitrotoluene	14.30	165	53965	32.290 ng		96
52) Acenaphthene	14.78	154	173899	32.168 ng		96
53) 3-Nitroaniline	14.63	138	30706	16.650 ng	#	94
54) 2,4-Dinitrophenol	14.83	184	22613	31.445 ng		95
55) Dibenzofuran	15.12	168	283007	31.660 ng		97
56) 4-Nitrophenol	14.93	139	81246	57.121 ng		94
57) 2,4-Dinitrotoluene	15.08	165	76044	33.442 ng		97
58) Fluorene	15.76	166	225335	33.786 ng		95
59) 2,3,4,6-Tetrachlorophenol	15.34	232	62910	33.689 ng		96
60) Diethylphthalate	15.52	149	245541	31.306 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	119348	30.582 ng		97
62) 4-Nitroaniline	15.80	138	56965	31.094 ng		92
63) Azobenzene	16.04	77	234812	33.483 ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	30051	22.582 ng		94
66) n-Nitrosodiphenylamine	15.97	169	207422	32.587 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	75088	32.515 ng		97
68) Hexachlorobenzene	16.76	284	77429	32.483 ng		97
69) Atrazine	16.91	200	77637	33.087 ng		98
70) Pentachlorophenol	17.11	266	75312	46.520 ng		96
71) Phenanthrene	17.51	178	379464	35.226 ng		99
72) Anthracene	17.60	178	389054	36.639 ng		98
73) Carbazole	17.87	167	348770	32.738 ng		100
74) Di-n-butylphthalate	18.41	149	426418	35.657 ng		98
75) Fluoranthene	19.52	202	454041	36.943 ng		98
77) Benzidine	19.70	184	98634	14.220 ng		98
78) Pyrene	19.88	202	452201	34.990 ng		97
80) Butylbenzylphthalate	20.75	149	194356	34.389 ng		100
81) Benzo(a)anthracene	21.73	228	426204	35.680 ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	78343	16.837 ng		96
83) Chrysene	21.80	228	395061	34.566 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	273707	33.959 ng		98
85) Di-n-octyl phthalate	22.84	149	463030	35.510 ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	403093	31.756 ng	#	95
88) Benzo(b)fluoranthene	24.01	252	406754	36.276 ng		99
89) Benzo(k)fluoranthene	24.08	252	404631	36.571 ng		98
90) Benzo(a)pyrene	24.91	252	398244	37.164 ng		99
91) Dibenzo(a,h)anthracene	28.95	278	322144	31.244 ng		100
92) Benzo(g,h,i)perylene	30.08	276	325782	31.778 ng		98

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

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