Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036142.D
Acq On : 7 Aug 2018 00:40
Operator : JU/SJ
Sample : PB111775BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111775BS

Manual Integrations APPROVED
Sohil
8/7/2018 6:54:19 PM

Quant Time: Aug 07 06:14:10 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	28014	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	101961	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	74315	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	214663	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	246683	20.00	ng		-0.02
86) Perylene-d12	24.82	264	231525	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	218901	129.73	ng		0.00
7) Phenol-d6	7.18	99	319002	126.71	ng		-0.01
23) Nitrobenzene-d5	9.17	82	206636	84.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	161219	164.59	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	494613	89.17	ng		-0.02
78) Terphenyl-d14	19.98	244	1040652	92.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	29402	34.236	ng	#	78
3) Pyridine	3.90	79	75503	33.677	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	35120	36.482	ng	#	88
6) Aniline	7.34	93	90910	27.860	ng		97
8) 2-Chlorophenol	7.58	128	74510	43.418	ng		92
9) Benzaldehyde	7.15	77	42811	27.715	ng		97
10) Phenol	7.21	94	109041	42.872	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	73838	37.070	ng		92
12) 1,3-Dichlorobenzene	7.90	146	88809	42.853	ng		97
13) 1,4-Dichlorobenzene	8.05	146	91077	43.254	ng		94
14) 1,2-Dichlorobenzene	8.36	146	87163	43.090	ng		98
15) Benzyl Alcohol	8.25	79	84883	37.129	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	78461	46.984	ng		78
17) 2-Methylphenol	8.46	107	69542	40.214	ng	#	91
18) Hexachloroethane	9.09	117	33720	41.883	ng	#	81
19) n-Nitroso-di-n-propylamine	8.81	70	70208	33.118	ng	#	82
20) 3+4-Methylphenols	8.79	107	95562	39.834	ng		93
22) Acetophenone	8.83	105	126135	39.781	ng	#	91
24) Nitrobenzene	9.22	77	104228	42.462	ng		97
25) Isophorone	9.73	82	186644	41.194	ng		99
26) 2-Nitrophenol	9.93	139	43679	50.104	ng	#	80
27) 2,4-Dimethylphenol	9.99	122	73634	49.899	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	101329	40.587	ng		97
29) 2,4-Dichlorophenol	10.47	162	82510	48.983	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	98596	47.734	ng		97
31) Naphthalene	10.86	128	230241	43.350	ng		97
32) Benzoic acid	10.15	122	35457m	35.693	ng		
33) 4-Chloroaniline	10.98	127	55312	23.894	ng	#	89
34) Hexachlorobutadiene	11.14	225	76895	47.741	ng		97
35) Caprolactam	11.76	113	28415m	39.308	ng		
36) 4-Chloro-3-methylphenol	12.10	107	105860	46.884	ng		92
37) 2-Methylnaphthalene	12.46	142	175020	44.231	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	126665	45.158	ng		98
40) Hexachlorocyclopentadiene	12.81	237	152274	103.516	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	83003	50.602	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	87764	47.827	ng		99
45) 1,1'-Biphenyl	13.47	154	243626	42.284	ng		99
46) 2-Chloronaphthalene	13.51	162	196462	43.837	ng		97
47) 2-Nitroaniline	13.72	65	67820	42.805	ng		89
48) Acenaphthylene	14.36	152	326135	43.443	ng		96
49) Dimethylphthalate	14.09	163	270063	41.477	ng	#	98
50) 2,6-Dinitrotoluene	14.21	165	63770	48.096	ng		93
51) Acenaphthene	14.70	154	186028	39.779	ng		96
52) 3-Nitroaniline	14.54	138	45660	33.693	ng	#	87
53) 2,4-Dinitrophenol	14.75	184	63959	92.669	ng	#	69
54) Dibenzofuran	15.03	168	327615	44.049	ng		94
55) 4-Nitrophenol	14.87	139	82129	85.099	ng	#	76
56) 2,4-Dinitrotoluene	15.00	165	95809	50.368	ng	#	89
57) Fluorene	15.68	166	273064	43.805	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.26	232	93921	53.382	ng	#	93
59) Diethylphthalate	15.45	149	281148	41.993	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	160849	43.902	ng		97
61) 4-Nitroaniline	15.71	138	62729	44.251	ng	#	73
62) Azobenzene	15.97	77	276733	41.904	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	58706	49.128	ng		85
65) n-Nitrosodiphenylamine	15.89	169	246139	40.284	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	112194	45.050	ng		96
67) Hexachlorobenzene	16.69	284	113644	44.311	ng		92
68) Atrazine	16.83	200	117370	46.655	ng		97
69) Pentachlorophenol	17.03	266	114465	73.274	ng		98
70) Phenanthrene	17.42	178	459134	42.864	ng		97
71) Anthracene	17.51	178	466949	43.781	ng		98
72) Carbazole	17.79	167	430325	42.485	ng		98
73) Di-n-butylphthalate	18.33	149	497690	41.580	ng	#	98
74) Fluoranthene	19.43	202	635740	44.063	ng		96
76) Benzidine	19.62	184	86825	13.388	ng		98
77) Pyrene	19.79	202	643925	41.282	ng		99
79) Butylbenzylphthalate	20.67	149	236530	42.405	ng	#	97
80) Benzo(a)anthracene	21.62	228	637900	41.496	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	167641	31.276	ng		98
82) Chrysene	21.69	228	598461	42.011	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	321859	42.444	ng		98
84) Di-n-octyl phthalate	22.72	149	554119	43.641	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	666213	42.241	ng	#	84
87) Benzo(b)fluoranthene	23.82	252	602399	42.808	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	591517	42.996	ng	#	97
89) Benzo(a)pyrene	24.68	252	582276	44.477	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	552141	42.960	ng	#	95
91) Benzo(g,h,i)perylene	29.59	276	565319	44.949	ng	#	91

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

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