Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036267.D
Acq On : 10 Aug 2018 14:07
Operator : JU/SJ
Sample : PB111825BSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111825BSD

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:57 PM

Quant Time: Aug 10 15:17:14 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	25935	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	100352	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	71943	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	198044	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	205159	20.00	ng		-0.02
86) Perylene-d12	24.82	264	198626	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	143789	92.05	ng		0.00
7) Phenol-d6	7.18	99	207462	89.01	ng		-0.01
23) Nitrobenzene-d5	9.17	82	181081	75.38	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	101827	107.38	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	436089	81.21	ng		-0.02
78) Terphenyl-d14	19.98	244	774346	83.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26980	33.934	ng	#	76
3) Pyridine	3.90	79	68587	33.044	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	32784	36.785	ng	#	87
6) Aniline	7.34	93	85945	28.450	ng		98
8) 2-Chlorophenol	7.58	128	70240	44.210	ng		96
9) Benzaldehyde	7.15	77	36313	25.393	ng		93
10) Phenol	7.21	94	101123	42.946	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	68635	37.220	ng		89
12) 1,3-Dichlorobenzene	7.89	146	79165	41.262	ng	#	95
13) 1,4-Dichlorobenzene	8.04	146	80016	41.047	ng		98
14) 1,2-Dichlorobenzene	8.36	146	78364	41.846	ng		99
15) Benzyl Alcohol	8.25	79	75149	35.507	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.52	45	72652	46.993	ng		78
17) 2-Methylphenol	8.46	107	67132	41.933	ng	#	90
18) Hexachloroethane	9.09	117	31342	42.050	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	63357	32.282	ng	#	79
20) 3+4-Methylphenols	8.79	107	90789	40.878	ng		93
22) Acetophenone	8.83	105	120594	38.644	ng	#	91
24) Nitrobenzene	9.21	77	96419	39.910	ng	#	97
25) Isophorone	9.73	82	179500	40.253	ng		98
26) 2-Nitrophenol	9.92	139	41476	48.340	ng	#	89
27) 2,4-Dimethylphenol	9.98	122	72210	49.719	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	94052	38.276	ng		96
29) 2,4-Dichlorophenol	10.47	162	79684	48.063	ng		88
30) 1,2,4-Trichlorobenzene	10.67	180	89974	44.258	ng		98
31) Naphthalene	10.86	128	209387	40.055	ng		97
32) Benzoic acid	10.16	122	25242m	25.817	ng		
33) 4-Chloroaniline	10.98	127	52335	22.971	ng	#	91
34) Hexachlorobutadiene	11.14	225	72726	45.876	ng		99
35) Caprolactam	11.76	113	24730	34.759	ng	#	60
36) 4-Chloro-3-methylphenol	12.10	107	95528	42.987	ng		89
37) 2-Methylnaphthalene	12.46	142	168638	43.301	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	121286	44.666	ng		98
40) Hexachlorocyclopentadiene	12.80	237	143772	100.959	ng		92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	77563	48.844	ng		89
43) 2,4,5-Trichlorophenol	13.16	196	80177	45.133	ng	#	93
45) 1,1'-Biphenyl	13.46	154	230006	41.237	ng		98
46) 2-Chloronaphthalene	13.51	162	182949	42.168	ng		98
47) 2-Nitroaniline	13.72	65	62828	40.962	ng		97
48) Acenaphthylene	14.36	152	305782	42.075	ng		97
49) Dimethylphthalate	14.09	163	254417	40.363	ng		98
50) 2,6-Dinitrotoluene	14.21	165	59023	45.983	ng		95
51) Acenaphthene	14.70	154	174958	38.646	ng		98
52) 3-Nitroaniline	14.55	138	39868	30.389	ng	#	91
53) 2,4-Dinitrophenol	14.75	184	38165	59.645	ng	#	69
54) Dibenzofuran	15.03	168	303986	42.220	ng		95
55) 4-Nitrophenol	14.87	139	57952	62.028	ng	#	77
56) 2,4-Dinitrotoluene	15.00	165	85395	46.373	ng		90
57) Fluorene	15.68	166	253779	42.054	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	81416	47.800	ng	#	95
59) Diethylphthalate	15.44	149	254592	39.280	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	146265	41.238	ng		94
61) 4-Nitroaniline	15.71	138	48534	35.367	ng	#	75
62) Azobenzene	15.96	77	256337	40.095	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	44646	40.497	ng		83
65) n-Nitrosodiphenylamine	15.88	169	219897	39.009	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	100039	43.540	ng		96
67) Hexachlorobenzene	16.69	284	104766	44.277	ng		93
68) Atrazine	16.83	200	102805	44.294	ng		93
69) Pentachlorophenol	17.03	266	84963	58.953	ng		97
70) Phenanthrene	17.42	178	405083	40.992	ng		98
71) Anthracene	17.51	178	420058	42.690	ng		97
72) Carbazole	17.79	167	363816	38.933	ng		100
73) Di-n-butylphthalate	18.33	149	430579	38.992	ng	#	97
74) Fluoranthene	19.43	202	544316	40.892	ng		97
76) Benzidine	19.61	184	178214	33.041	ng		96
77) Pyrene	19.79	202	539815	41.612	ng		99
79) Butylbenzylphthalate	20.67	149	196592	42.378	ng	#	94
80) Benzo(a)anthracene	21.62	228	534978	41.844	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	141260	31.688	ng	#	97
82) Chrysene	21.69	228	499429	42.155	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	268295	42.541	ng		98
84) Di-n-octyl phthalate	22.71	149	455831	43.167	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	533658	40.685	ng	#	86
87) Benzo(b)fluoranthene	23.81	252	505124	41.841	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	471535	39.952	ng	#	96
89) Benzo(a)pyrene	24.68	252	491890	43.797	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	433650	39.329	ng	#	94
91) Benzo(g,h,i)perylene	29.59	276	455635	42.229	ng	#	93

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

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