Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036384.D
Acq On : 23 Aug 2018 19:30
Operator : JU/SJ
Sample : PB112153BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112153BSD

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:55 PM

Quant Time: Aug 24 03:42:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48861	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	213897	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	142231	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	377058	20.00	ng		0.00
75) Chrysene-d12	21.71	240	387118	20.00	ng		0.00
86) Perylene-d12	24.93	264	407427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	344870	111.96	ng		0.00
7) Phenol-d6	7.22	99	469480	106.46	ng		0.00
23) Nitrobenzene-d5	9.23	82	262660	66.63	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	189084	111.41	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	654179	65.67	ng		0.00
78) Terphenyl-d14	20.05	244	1167311	70.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50499	35.130	ng		99
3) Pyridine	3.93	79	146296	36.257	ng		98
4) n-Nitrosodimethylamine	3.84	42	72971	40.603	ng		96
6) Aniline	7.39	93	183284	32.742	ng		98
8) 2-Chlorophenol	7.63	128	146383	43.823	ng		97
9) Benzaldehyde	7.20	77	98535	32.446	ng		96
10) Phenol	7.25	94	205561	44.541	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	139544	38.139	ng		99
12) 1,3-Dichlorobenzene	7.96	146	147791	38.748	ng		97
13) 1,4-Dichlorobenzene	8.11	146	148877	38.661	ng		99
14) 1,2-Dichlorobenzene	8.42	146	141744	38.542	ng		96
15) Benzyl Alcohol	8.30	79	148595	41.797	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	269094	36.469	ng		99
17) 2-Methylphenol	8.50	107	136831	44.651	ng		99
18) Hexachloroethane	9.16	117	53894	39.035	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	120517	36.565	ng		97
20) 3+4-Methylphenols	8.83	107	188536	44.067	ng		98
22) Acetophenone	8.89	105	226083	40.251	ng	#	99
24) Nitrobenzene	9.27	77	174164	40.969	ng		98
25) Isophorone	9.79	82	341063	43.550	ng		98
26) 2-Nitrophenol	9.98	139	69108	41.024	ng		99
27) 2,4-Dimethylphenol	10.04	122	150743	48.334	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	198339	41.265	ng		98
29) 2,4-Dichlorophenol	10.52	162	155132	45.386	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	154833	38.722	ng		98
31) Naphthalene	10.93	128	456793	42.721	ng		100
32) Benzoic acid	10.16	122	92101	40.594	ng		95
33) 4-Chloroaniline	11.03	127	119754	24.441	ng		97
34) Hexachlorobutadiene	11.22	225	102025	37.976	ng		98
35) Caprolactam	11.79	113	62804m	46.125	ng		
36) 4-Chloro-3-methylphenol	12.14	107	176865	44.532	ng		99
37) 2-Methylnaphthalene	12.53	142	354542	45.316	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	194011	38.545	ng		98
40) Hexachlorocyclopentadiene	12.88	237	244654	93.419	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	131942	43.033	ng	100
43) 2,4,5-Trichlorophenol	13.20	196	146444	44.780	ng	99
45) 1,1'-Biphenyl	13.53	154	460344	38.991	ng	97
46) 2-Chloronaphthalene	13.57	162	347302	38.533	ng	99
47) 2-Nitroaniline	13.77	65	123718	43.712	ng	96
48) Acenaphthylene	14.42	152	597124	42.391	ng	99
49) Dimethylphthalate	14.15	163	483772	41.654	ng	99
50) 2,6-Dinitrotoluene	14.26	165	103306	43.227	ng	95
51) Acenaphthene	14.76	154	386348	42.826	ng	99
52) 3-Nitroaniline	14.59	138	76893	29.857	ng	97
53) 2,4-Dinitrophenol	14.79	184	71971	79.507	ng	94
54) Dibenzofuran	15.09	168	572129	40.481	ng	99
55) 4-Nitrophenol	14.89	139	185274	87.987	ng	99
56) 2,4-Dinitrotoluene	15.05	165	144242	46.311	ng	96
57) Fluorene	15.74	166	459769	43.516	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	144848	47.142	ng	99
59) Diethylphthalate	15.52	149	490374	41.896	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	255162	39.110	ng	99
61) 4-Nitroaniline	15.75	138	121411	45.052	ng	94
62) Azobenzene	16.03	77	478865	40.211	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	63666	38.438	ng	94
65) n-Nitrosodiphenylamine	15.95	169	430339	38.410	ng	97
66) 4-Bromophenyl-phenylether	16.63	248	170188	38.551	ng	98
67) Hexachlorobenzene	16.74	284	172895	38.301	ng	97
68) Atrazine	16.90	200	180815	42.997	ng	100
69) Pentachlorophenol	17.08	266	219735	71.623	ng	97
70) Phenanthrene	17.48	178	792308	41.353	ng	99
71) Anthracene	17.57	178	813734	42.607	ng	99
72) Carbazole	17.84	167	736001	38.588	ng	98
73) Di-n-butylphthalate	18.40	149	860240	40.502	ng	100
74) Fluoranthene	19.48	202	1003590	42.963	ng	99
76) Benzidine	19.66	184	505469	40.926	ng	100
77) Pyrene	19.85	202	987992	41.503	ng	99
79) Butylbenzylphthalate	20.74	149	391526	41.327	ng	95
80) Benzo(a)anthracene	21.69	228	992877	42.336	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	212961	22.785	ng	100
82) Chrysene	21.76	228	910854	40.975	ng	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	546717	41.239	ng	100
84) Di-n-octyl phthalate	22.84	149	938828	42.397	ng	98
85) Indeno(1,2,3-cd)pyrene	28.59	276	1140111	44.157	ng	98
87) Benzo(b)fluoranthene	23.91	252	1004098	44.381	ng	98
88) Benzo(k)fluoranthene	23.98	252	939582	42.509	ng	100
89) Benzo(a)pyrene	24.78	252	969508	44.594	ng	100
90) Dibenzo(a,h)anthracene	28.67	278	923952	44.022	ng	99
91) Benzo(g,h,i)perylene	29.74	276	934201	44.293	ng	96

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

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