Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038964.D
Acq On : 5 Jan 2019 14:49
Operator : JU/SJ
Sample : IDOC-03
Misc : IDOC-BN-FE
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-03

Manual Integrations APPROVED
Sohil
1/7/2019 12:48:33 PM

Quant Time: Jan 06 23:19:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26672	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	106583	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	75287	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	177764	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169081	20.00	ng	0.00
87) Perylene-d12	25.02	264	186651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173613	115.45	ng	0.00
7) Phenol-d6	7.21	99	241898	117.18	ng	0.00
23) Nitrobenzene-d5	9.23	82	150613	72.19	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	136211	131.28	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	416127	75.82	ng	-0.01
79) Terphenyl-d14	20.04	244	705072	90.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	16336	23.341	ng	# 91
4) n-Nitrosodimethylamine	3.81	42	30675	32.489	ng	88
6) Aniline	7.38	93	5854	2.221	ng	98
8) 2-Chlorophenol	7.61	128	68530	39.380	ng	96
9) Benzaldehyde	7.19	77	29429	21.975	ng	98
10) Phenol	7.24	94	87730	40.000	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	57259	32.791	ng	94
12) 1,3-Dichlorobenzene	7.94	146	73428	35.686	ng	97
13) 1,4-Dichlorobenzene	8.08	146	75136	35.654	ng	97
14) 1,2-Dichlorobenzene	8.40	146	71534	36.007	ng	96
15) Benzyl Alcohol	8.29	79	62405	38.728	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	116763	29.191	ng	97
17) 2-Methylphenol	8.49	107	59791	40.690	ng	99
18) Hexachloroethane	9.12	117	26153	33.963	ng	85
19) n-Nitroso-di-n-propylamine	8.85	70	48507	33.455	ng	96
20) 3+4-Methylphenols	8.82	107	83770	41.279	ng	97
22) Acetophenone	8.88	105	99836	37.501	ng	# 95
24) Nitrobenzene	9.27	77	76477	36.235	ng	96
25) Isophorone	9.78	82	140388	37.452	ng	98
26) 2-Nitrophenol	9.98	139	42918	39.730	ng	92
27) 2,4-Dimethylphenol	10.03	122	68217	44.064	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	79825	37.735	ng	96
29) 2,4-Dichlorophenol	10.52	162	80884	46.963	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	87024	41.831	ng	94
31) Naphthalene	10.91	128	222549	42.379	ng	99
32) Benzoic acid	10.16	122	1552m	11.408	ng	
33) 4-Chloroaniline	11.04	127	15416	6.762	ng	99
34) Hexachlorobutadiene	11.17	225	58859	41.813	ng	96
35) Caprolactam	11.82	113	9400m	13.188	ng	
36) 4-Chloro-3-methylphenol	12.15	107	85194	43.347	ng	97
37) 2-Methylnaphthalene	12.52	142	175664	46.888	ng	98
38) 1-Methylnaphthalene	12.74	142	166552	45.813	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	109451	38.892	ng	99
41) Hexachlorocyclopentadiene	12.84	237	115870	74.943	ng	91

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	76192	44.033	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	79636	43.468	ng		94
46) 1,1'-Biphenyl	13.52	154	227801	36.093	ng		98
47) 2-Chloronaphthalene	13.57	162	187490	38.457	ng		98
48) 2-Nitroaniline	13.78	65	56950	36.673	ng		94
49) Acenaphthylene	14.41	152	300695	41.257	ng		98
50) Dimethylphthalate	14.14	163	256679	41.749	ng		99
51) 2,6-Dinitrotoluene	14.27	165	55009	39.482	ng		91
52) Acenaphthene	14.75	154	173676	39.851	ng		99
53) 3-Nitroaniline	14.61	138	43124	30.363	ng		93
54) 2,4-Dinitrophenol	14.82	184	42856	53.529	ng		97
55) Dibenzofuran	15.09	168	298393	39.942	ng		98
56) 4-Nitrophenol	14.92	139	78071	72.458	ng		97
57) 2,4-Dinitrotoluene	15.06	165	75912	38.684	ng		92
58) Fluorene	15.73	166	237271	42.869	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	75194	45.620	ng		96
60) Diethylphthalate	15.49	149	244514	36.228	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	135015	39.097	ng		97
62) 4-Nitroaniline	15.77	138	51353	35.120	ng		98
63) Azobenzene	16.01	77	198813	35.261	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	45685	36.027	ng		89
66) n-Nitrosodiphenylamine	15.94	169	212645	40.712	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	90430	41.653	ng		96
68) Hexachlorobenzene	16.73	284	96405	42.837	ng		93
69) Atrazine	16.88	200	81638	42.117	ng		95
70) Pentachlorophenol	17.08	266	95657	71.861	ng		98
71) Phenanthrene	17.48	178	391509	42.471	ng		99
72) Anthracene	17.57	178	399198	43.866	ng		99
73) Carbazole	17.85	167	344506	38.278	ng		98
74) Di-n-butylphthalate	18.38	149	406632	39.375	ng		99
75) Fluoranthene	19.49	202	467350	40.976	ng		98
77) Benzidine	19.68	184	3213m	0.643	ng		
78) Pyrene	19.85	202	472219	42.276	ng		100
80) Butylbenzylphthalate	20.72	149	185931	42.606	ng		98
81) Benzo(a)anthracene	21.70	228	449955	43.673	ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	92706	22.688	ng		96
83) Chrysene	21.77	228	416738	41.994	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	244212	39.457	ng		98
85) Di-n-octyl phthalate	22.79	149	417367	40.265	ng	#	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	506083	43.377	ng	#	59
88) Benzo(b)fluoranthene	23.96	252	441851	43.116	ng		99
89) Benzo(k)fluoranthene	24.03	252	433611m	42.491	ng		
90) Benzo(a)pyrene	24.86	252	434399	43.938	ng	#	98
91) Dibenzo(a,h)anthracene	28.86	278	424029	43.076	ng		98
92) Benzo(g,h,i)perylene	29.99	276	419529	43.246	ng	#	96

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

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