Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
Data File : BG038896.D
Acq On : 2 Jan 2019 17:38
Operator : JU/SJ
Sample : PB116049BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116049BS

Manual Integrations APPROVED
Sohil
1/3/2019 11:16:14 AM

Quant Time: Jan 03 00:35:57 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	23744	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	92074	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	65626	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	178460	20.00	ng		0.00
76) Chrysene-d12	21.71	240	176100	20.00	ng		-0.01
87) Perylene-d12	25.00	264	184907	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	182699	136.47	ng		0.00
7) Phenol-d6	7.21	99	246947	134.37	ng		0.00
23) Nitrobenzene-d5	9.22	82	121212	67.25	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	156622	173.17	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	332164	69.44	ng		-0.01
79) Terphenyl-d14	20.03	244	688453	85.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	19528	31.343	ng	#	95
3) Pyridine	3.88	79	55905	32.590	ng		96
4) n-Nitrosodimethylamine	3.81	42	31472	37.444	ng		94
6) Aniline	7.38	93	64126	27.334	ng		97
8) 2-Chlorophenol	7.61	128	66475	42.909	ng		95
9) Benzaldehyde	7.19	77	16673	13.985	ng		95
10) Phenol	7.24	94	81418	41.700	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	53857	34.646	ng		94
12) 1,3-Dichlorobenzene	7.93	146	71772	39.183	ng		95
13) 1,4-Dichlorobenzene	8.08	146	72749	38.779	ng		94
14) 1,2-Dichlorobenzene	8.40	146	69053	39.044	ng		96
15) Benzyl Alcohol	8.29	79	58462	40.755	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	108261	30.403	ng		97
17) 2-Methylphenol	8.49	107	56627	43.289	ng		98
18) Hexachloroethane	9.12	117	24679	36.001	ng		87
19) n-Nitroso-di-n-propylamine	8.85	70	45670	35.382	ng	#	98
20) 3+4-Methylphenols	8.82	107	77226	42.747	ng		97
22) Acetophenone	8.88	105	93709	40.746	ng		94
24) Nitrobenzene	9.27	77	71013	38.948	ng		96
25) Isophorone	9.78	82	134538	41.547	ng		98
26) 2-Nitrophenol	9.97	139	40272	43.156	ng		94
27) 2,4-Dimethylphenol	10.03	122	65383	48.888	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	74235	40.623	ng		98
29) 2,4-Dichlorophenol	10.51	162	76884	51.675	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	75981	42.278	ng		97
31) Naphthalene	10.91	128	203829	44.930	ng		99
32) Benzoic acid	10.13	122	7995m	17.583	ng		
33) 4-Chloroaniline	11.03	127	59529	30.224	ng		96
34) Hexachlorobutadiene	11.17	225	52821	43.437	ng		94
35) Caprolactam	11.83	113	28537	46.347	ng	#	83
36) 4-Chloro-3-methylphenol	12.15	107	80521	47.425	ng		99
37) 2-Methylnaphthalene	12.52	142	155947	48.185	ng		98
38) 1-Methylnaphthalene	12.73	142	148078	47.150	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	97028	39.554	ng		99

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Quant Time: Jan 03 00:35:57 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	116108	86.152	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	73590	48.790	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	80395	50.343	ng		97
46) 1,1'-Biphenyl	13.52	154	211251	38.398	ng		98
47) 2-Chloronaphthalene	13.57	162	169465	39.877	ng		97
48) 2-Nitroaniline	13.78	65	54102	39.968	ng		93
49) Acenaphthylene	14.41	152	286566	45.107	ng		100
50) Dimethylphthalate	14.14	163	235380	43.920	ng		98
51) 2,6-Dinitrotoluene	14.27	165	53101	43.723	ng		88
52) Acenaphthene	14.75	154	161604	42.539	ng		96
53) 3-Nitroaniline	14.61	138	40397	32.630	ng		96
54) 2,4-Dinitrophenol	14.81	184	33529	48.575	ng		96
55) Dibenzofuran	15.08	168	284218	43.646	ng		95
56) 4-Nitrophenol	14.92	139	82252	87.576	ng		96
57) 2,4-Dinitrotoluene	15.06	165	77959	45.575	ng		90
58) Fluorene	15.73	166	230818	47.842	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79224	55.141	ng		94
60) Diethylphthalate	15.49	149	250232	42.533	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	130760	43.439	ng		97
62) 4-Nitroaniline	15.77	138	56604	44.410	ng		99
63) Azobenzene	16.01	77	195679	39.814	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	40732	31.996	ng		85
66) n-Nitrosodiphenylamine	15.94	169	215788	41.153	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	91786	42.113	ng		95
68) Hexachlorobenzene	16.73	284	97730	43.257	ng		97
69) Atrazine	16.88	200	90541	46.528	ng		95
70) Pentachlorophenol	17.08	266	79886	59.779	ng		99
71) Phenanthrene	17.48	178	414971	44.841	ng		99
72) Anthracene	17.57	178	421930	46.183	ng		99
73) Carbazole	17.85	167	369524	40.898	ng		98
74) Di-n-butylphthalate	18.37	149	431264	41.598	ng		98
75) Fluoranthene	19.49	202	501277	43.779	ng		98
77) Benzidine	19.67	184	201832	38.754	ng		99
78) Pyrene	19.85	202	504705	43.383	ng		100
80) Butylbenzylphthalate	20.71	149	189089	41.602	ng		95
81) Benzo(a)anthracene	21.69	228	483061	45.017	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	121745	28.607	ng		98
83) Chrysene	21.76	228	445351	43.089	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	262366	40.701	ng		99
85) Di-n-octyl phthalate	22.78	149	447515	41.453	ng		96
86) Indeno(1,2,3-cd)pyrene	28.78	276	541792	44.587	ng	#	93
88) Benzo(b)fluoranthene	23.95	252	478380	47.121	ng		98
89) Benzo(k)fluoranthene	24.02	252	456458	45.152	ng		97
90) Benzo(a)pyrene	24.85	252	461632	47.133	ng	#	99
91) Dibenzo(a,h)anthracene	28.84	278	449255	46.069	ng		98
92) Benzo(g,h,i)perylene	29.97	276	450861	46.914	ng		97

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

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