Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043636.D
Acq On : 14 Nov 2019 16:35
Operator : JU
Sample : K5826-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-14B-SMS

Manual Integrations APPROVED
mohammad
11/15/2019 6:00:29 PM

Quant Time: Nov 15 04:13:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35277	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	138692	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	97624	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	237826	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	255256	20.00	ng		-0.01
87) Perylene-d12	24.82	264	303713	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	191079	99.26	ng		0.00
7) Phenol-d6	7.20	99	272862	98.51	ng		0.00
23) Nitrobenzene-d5	9.16	82	163098	60.63	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	162209	87.31	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	429436	60.78	ng		-0.02
79) Terphenyl-d14	19.99	244	835268	61.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	20831	27.767	ng	#	89
3) Pyridine	3.86	79	55943	29.561	ng		96
4) n-Nitrosodimethylamine	3.78	42	32107	33.622	ng		96
6) Aniline	7.33	93	50417	15.801	ng		96
8) 2-Chlorophenol	7.58	128	78462	36.921	ng		97
9) Benzaldehyde	7.14	77	35255	25.900	ng		94
10) Phenol	7.22	94	109151	43.125	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	63746	32.576	ng		96
12) 1,3-Dichlorobenzene	7.88	146	84411	31.703	ng		99
13) 1,4-Dichlorobenzene	8.03	146	85532	31.750	ng		99
14) 1,2-Dichlorobenzene	8.35	146	82573	31.393	ng		96
15) Benzyl Alcohol	8.25	79	67515	34.708	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.52	45	87273	30.672	ng		97
17) 2-Methylphenol	8.46	107	66441	36.009	ng		93
18) Hexachloroethane	9.08	117	30007	30.874	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	55633	31.083	ng		93
20) 3+4-Methylphenols	8.80	107	87199	34.464	ng	#	89
22) Acetophenone	8.82	105	110849	31.210	ng		96
24) Nitrobenzene	9.20	77	85080	33.199	ng	#	97
25) Isophorone	9.72	82	157866	32.097	ng		99
26) 2-Nitrophenol	9.92	139	43233	34.943	ng	#	93
27) 2,4-Dimethylphenol	9.99	122	72416	40.837	ng		100
28) bis(2-Chloroethoxy)methane	10.20	93	85479	31.489	ng		96
29) 2,4-Dichlorophenol	10.47	162	81591	35.910	ng		92
30) 1,2,4-Trichlorobenzene	10.66	180	90008	31.431	ng		99
31) Naphthalene	10.85	128	238206	33.836	ng		98
32) Benzoic acid	10.18	122	35639	30.408	ng		93
33) 4-Chloroaniline	10.98	127	28883	10.009	ng		98
34) Hexachlorobutadiene	11.14	225	65787	31.077	ng		90
35) Caprolactam	11.74	113	23775m	30.383	ng		
36) 4-Chloro-3-methylphenol	12.11	107	84548	34.115	ng		94
37) 2-Methylnaphthalene	12.45	142	181222	33.550	ng		97
38) 1-Methylnaphthalene	12.68	142	170642	33.202	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	115459	31.957	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102798	54.164	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	72373	34.015	ng		94
44) 2,4,5-Trichlorophenol	13.16	196	76532	35.579	ng		92
46) 1,1'-Biphenyl	13.46	154	239136	32.199	ng		96
47) 2-Chloronaphthalene	13.51	162	184284	32.612	ng		99
48) 2-Nitroaniline	13.72	65	56164	33.255	ng		97
49) Acenaphthylene	14.35	152	301968	34.336	ng		99
50) Dimethylphthalate	14.08	163	301655	39.893	ng		97
51) 2,6-Dinitrotoluene	14.20	165	54625	33.252	ng		98
52) Acenaphthene	14.69	154	177254	33.050	ng		95
53) 3-Nitroaniline	14.55	138	27391	17.270	ng	#	97
54) 2,4-Dinitrophenol	14.75	184	49078	50.770	ng		98
55) Dibenzofuran	15.03	168	296735	34.118	ng		97
56) 4-Nitrophenol	14.89	139	73770	69.407	ng		91
57) 2,4-Dinitrotoluene	15.00	165	76795	32.711	ng		98
58) Fluorene	15.67	166	243044	33.318	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	74473	32.587	ng		95
60) Diethylphthalate	15.44	149	242320	31.893	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	139363	32.749	ng		98
62) 4-Nitroaniline	15.71	138	50026	30.541	ng		93
63) Azobenzene	15.96	77	209540	34.077	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	43920	31.380	ng		90
66) n-Nitrosodiphenylamine	15.89	169	216116	32.187	ng		95
67) 4-Bromophenyl-phenylether	16.56	248	96851	30.260	ng		96
68) Hexachlorobenzene	16.68	284	111580	30.371	ng		97
69) Atrazine	16.83	200	94919	40.683	ng		98
70) Pentachlorophenol	17.04	266	89516	53.473	ng		99
71) Phenanthrene	17.42	178	395307	32.459	ng		100
72) Anthracene	17.51	178	408519	33.527	ng		98
73) Carbazole	17.78	167	363668	32.958	ng		97
74) Di-n-butylphthalate	18.33	149	430674	32.168	ng		99
75) Fluoranthene	19.43	202	523478	32.971	ng		99
77) Benzidine	19.61	184	268308	52.229	ng		98
78) Pyrene	19.79	202	534835	33.850	ng		100
80) Butylbenzylphthalate	20.67	149	196510	32.828	ng		93
81) Benzo(a)anthracene	21.62	228	553936	34.645	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	115642	18.699	ng		97
83) Chrysene	21.68	228	535019	33.678	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	295396	34.739	ng		98
85) Di-n-octyl phthalate	22.71	149	509321	35.305	ng		99
86) Indeno(1,2,3-cd)pyrene	28.45	276	698183	35.012	ng		99
88) Benzo(b)fluoranthene	23.81	252	589719	34.283	ng		97
89) Benzo(k)fluoranthene	23.88	252	588775	34.000	ng		98
90) Benzo(a)pyrene	24.67	252	545036	33.181	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	592955	35.292	ng		99
92) Benzo(g,h,i)perylene	29.59	276	588386	35.503	ng		99

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

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