Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042430.D
Acq On : 23 Aug 2019 12:21
Operator : HP/JU
Sample : PB122423BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122423BS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:42 PM

Quant Time: Aug 23 17:50:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	102711	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	421477	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	280809	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	584361	20.00	ng		0.00
76) Chrysene-d12	21.70	240	572551	20.00	ng		0.00
87) Perylene-d12	24.93	264	668852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	638416	125.89	ng		0.00
7) Phenol-d6	7.17	99	799542	116.72	ng		0.00
23) Nitrobenzene-d5	9.17	82	401592	65.84	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	334011	83.69	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1071531	64.54	ng		0.00
79) Terphenyl-d14	20.03	244	1640995	61.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	84024	39.701	ng		98
3) Pyridine	3.82	79	200658	36.974	ng		96
4) n-Nitrosodimethylamine	3.73	42	76523	39.479	ng		79
6) Aniline	7.32	93	311608	34.105	ng		99
8) 2-Chlorophenol	7.57	128	279643	45.499	ng		96
9) Benzaldehyde	7.13	77	183729	53.572	ng		94
10) Phenol	7.19	94	326075	46.816	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	244714	44.737	ng		98
12) 1,3-Dichlorobenzene	7.89	146	304456	38.939	ng		99
13) 1,4-Dichlorobenzene	8.04	146	310082	39.153	ng		96
14) 1,2-Dichlorobenzene	8.36	146	293706	38.725	ng		99
15) Benzyl Alcohol	8.24	79	199068	40.392	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	311570	42.024	ng		100
17) 2-Methylphenol	8.45	107	227362	44.319	ng		94
18) Hexachloroethane	9.09	117	104464	38.529	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	178679	40.261	ng		97
20) 3+4-Methylphenols	8.78	107	313367	44.144	ng		95
22) Acetophenone	8.83	105	373685	41.453	ng	#	98
24) Nitrobenzene	9.21	77	256445	41.521	ng		99
25) Isophorone	9.74	82	493174	40.972	ng		98
26) 2-Nitrophenol	9.93	139	165841	42.848	ng		95
27) 2,4-Dimethylphenol	9.99	122	258399	48.466	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	323389	42.627	ng		98
29) 2,4-Dichlorophenol	10.48	162	284528	40.789	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	305117	35.636	ng		98
31) Naphthalene	10.87	128	806509	41.215	ng		99
32) Benzoic acid	10.14	122	137605	37.679	ng		95
33) 4-Chloroaniline	10.98	127	205205	22.717	ng		98
34) Hexachlorobutadiene	11.17	225	180274	31.329	ng		98
35) Caprolactam	11.75	113	92819	39.878	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	263068	39.727	ng		96
37) 2-Methylnaphthalene	12.49	142	617670	39.311	ng		98
38) 1-Methylnaphthalene	12.71	142	580342	38.885	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	331758	36.789	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	386009	81.489	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	230648	37.840	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	245440	38.856	ng		95
46) 1,1'-Biphenyl	13.49	154	774962	42.694	ng		98
47) 2-Chloronaphthalene	13.54	162	619119	39.556	ng		97
48) 2-Nitroaniline	13.73	65	151636	40.176	ng		96
49) Acenaphthylene	14.39	152	974913	41.403	ng		97
50) Dimethylphthalate	14.11	163	757555	37.389	ng		99
51) 2,6-Dinitrotoluene	14.23	165	188578	40.154	ng		93
52) Acenaphthene	14.73	154	577678	40.402	ng		99
53) 3-Nitroaniline	14.56	138	135881	28.930	ng		99
54) 2,4-Dinitrophenol	14.78	184	190118	61.614	ng		94
55) Dibenzofuran	15.06	168	929729	39.283	ng		99
56) 4-Nitrophenol	14.89	139	303874	91.049	ng		91
57) 2,4-Dinitrotoluene	15.03	165	257742	38.325	ng		97
58) Fluorene	15.71	166	747643	38.644	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	225783m	36.145	ng		
60) Diethylphthalate	15.48	149	736780	37.199	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	403457	34.594	ng		98
62) 4-Nitroaniline	15.73	138	200780	39.942	ng		88
63) Azobenzene	16.00	77	576273	42.460	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	154858	42.268	ng		93
66) n-Nitrosodiphenylamine	15.91	169	694995	43.247	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	269551	36.366	ng		97
68) Hexachlorobenzene	16.72	284	278861	34.608	ng	#	93
69) Atrazine	16.87	200	241508	42.497	ng		98
70) Pentachlorophenol	17.07	266	334059	79.792	ng		98
71) Phenanthrene	17.46	178	1180308	40.663	ng		97
72) Anthracene	17.55	178	1225069	42.278	ng		96
73) Carbazole	17.82	167	1135235	43.958	ng		97
74) Di-n-butylphthalate	18.38	149	1292381	42.334	ng		98
75) Fluoranthene	19.47	202	1425379	40.237	ng		94
77) Benzidine	19.64	184	947148	57.699	ng		98
78) Pyrene	19.83	202	1443009	41.108	ng		95
80) Butylbenzylphthalate	20.71	149	624037	45.198	ng		97
81) Benzo(a)anthracene	21.67	228	1381200	39.656	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	395157	28.210	ng	#	98
83) Chrysene	21.74	228	1346734	40.093	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	869713	45.369	ng		99
85) Di-n-octyl phthalate	22.79	149	1502236	45.563	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1782008	39.038	ng	#	89
88) Benzo(b)fluoranthene	23.90	252	1474822	40.108	ng	#	96
89) Benzo(k)fluoranthene	23.98	252	1489757	42.149	ng	#	96
90) Benzo(a)pyrene	24.79	252	1487049	42.618	ng	#	95
91) Dibenzo(a,h)anthracene	28.71	278	1471097	41.640	ng	#	94
92) Benzo(g,h,i)perylene	29.81	276	1480702	41.906	ng	#	93

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

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