Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
Data File : BG043304.D
Acq On : 22 Oct 2019 13:14
Operator : JU
Sample : PB123887BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123887BSD

Manual Integrations APPROVED
mohammad
10/22/2019 10:29:15 PM

Quant Time: Oct 22 18:27:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34000	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	134048	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	97008	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	246812	20.00	ng		0.00
76) Chrysene-d12	21.67	240	293978	20.00	ng		0.00
87) Perylene-d12	24.87	264	340859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	134666	72.58	ng		0.00
7) Phenol-d6	7.20	99	188084	70.46	ng		0.00
23) Nitrobenzene-d5	9.19	82	173308	66.65	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	130038	70.44	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	495377	70.56	ng		0.00
79) Terphenyl-d14	20.01	244	1047799	66.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	28816	39.853	ng		94
3) Pyridine	3.89	79	66702	36.571	ng		99
4) n-Nitrosodimethylamine	3.80	42	38747	42.099	ng	#	99
6) Aniline	7.35	93	91150	29.640	ng		97
8) 2-Chlorophenol	7.59	128	88375	43.148	ng		96
9) Benzaldehyde	7.16	77	49807	37.965	ng		84
10) Phenol	7.23	94	108051	44.294	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	73219	38.822	ng		98
12) 1,3-Dichlorobenzene	7.92	146	97806	38.113	ng		96
13) 1,4-Dichlorobenzene	8.06	146	101310	39.020	ng		95
14) 1,2-Dichlorobenzene	8.38	146	96180	37.940	ng		96
15) Benzyl Alcohol	8.27	79	74970	39.988	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100906	36.795	ng		98
17) 2-Methylphenol	8.48	107	75203	42.289	ng		97
18) Hexachloroethane	9.11	117	35119	37.490	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	63909	37.049	ng		97
20) 3+4-Methylphenols	8.81	107	101433	41.596	ng		95
22) Acetophenone	8.85	105	127484	37.137	ng	#	97
24) Nitrobenzene	9.23	77	97738	39.460	ng		98
25) Isophorone	9.75	82	182443	38.379	ng		99
26) 2-Nitrophenol	9.94	139	50574	42.293	ng		88
27) 2,4-Dimethylphenol	10.01	122	83165	48.523	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	101853	38.821	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	90115	41.036	ng		91
30) 1,2,4-Trichlorobenzene	10.70	180	104105	37.614	ng		95
31) Naphthalene	10.88	128	269360	39.587	ng		98
32) Benzoic acid	10.16	122	38087	32.666	ng		93
33) 4-Chloroaniline	11.00	127	51109	18.324	ng		97
34) Hexachlorobutadiene	11.17	225	74741	36.531	ng		94
35) Caprolactam	11.76	113	31118m	41.144	ng		
36) 4-Chloro-3-methylphenol	12.12	107	100665	42.025	ng		100
37) 2-Methylnaphthalene	12.49	142	202686	38.823	ng		98
38) 1-Methylnaphthalene	12.71	142	190508	38.352	ng		90
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	135140	37.642	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	182583	96.814	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	88414	41.818	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	91594	42.852	ng		96
46) 1,1'-Biphenyl	13.49	154	282092	38.225	ng		99
47) 2-Chloronaphthalene	13.53	162	219120	39.023	ng		99
48) 2-Nitroaniline	13.74	65	67099	39.982	ng		94
49) Acenaphthylene	14.38	152	364555	41.715	ng		97
50) Dimethylphthalate	14.11	163	298089	39.671	ng		99
51) 2,6-Dinitrotoluene	14.23	165	69658	42.672	ng		94
52) Acenaphthene	14.72	154	211008	39.593	ng		98
53) 3-Nitroaniline	14.56	138	40679	25.811	ng		96
54) 2,4-Dinitrophenol	14.77	184	77499	76.390	ng		93
55) Dibenzofuran	15.06	168	352254	40.758	ng		100
56) 4-Nitrophenol	14.89	139	105672	100.054	ng		95
57) 2,4-Dinitrotoluene	15.01	165	99703	42.738	ng		98
58) Fluorene	15.70	166	303425	41.860	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	99719	43.910	ng	#	99
60) Diethylphthalate	15.47	149	310246	41.093	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	174072	41.165	ng		99
62) 4-Nitroaniline	15.73	138	70605	43.378	ng		95
63) Azobenzene	15.98	77	254406	41.636	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	63647	43.819	ng		98
66) n-Nitrosodiphenylamine	15.91	169	273093	39.192	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	122933	37.011	ng		100
68) Hexachlorobenzene	16.71	284	135547	35.551	ng		97
69) Atrazine	16.85	200	111864	46.200	ng		94
70) Pentachlorophenol	17.05	266	161307	92.849	ng		97
71) Phenanthrene	17.44	178	502669	39.772	ng		98
72) Anthracene	17.54	178	513647	40.620	ng		98
73) Carbazole	17.81	167	482660	42.150	ng		98
74) Di-n-butylphthalate	18.36	149	571838	41.156	ng		99
75) Fluoranthene	19.45	202	699036	42.425	ng		99
77) Benzidine	19.63	184	292731	49.478	ng		99
78) Pyrene	19.81	202	719698	39.551	ng		99
80) Butylbenzylphthalate	20.70	149	269825	39.139	ng		97
81) Benzo(a)anthracene	21.65	228	738293	40.093	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	188196	26.423	ng		98
83) Chrysene	21.71	228	725064	39.629	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	387535	39.572	ng		98
85) Di-n-octyl phthalate	22.75	149	671787	40.433	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	934935	40.709	ng	#	97
88) Benzo(b)fluoranthene	23.86	252	782387	40.527	ng		98
89) Benzo(k)fluoranthene	23.92	252	811028	41.731	ng		99
90) Benzo(a)pyrene	24.72	252	777449	42.172	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	783004	41.525	ng		99
92) Benzo(g,h,i)perylene	29.66	276	782765	42.084	ng		99

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

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