Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043352.D
Acq On : 28 Oct 2019 16:22
Operator : JU
Sample : PB124295BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124295BS

Quant Time: Oct 29 13:17:20 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	36521	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	152538	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	110406	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	258908	20.00	ng		0.00
76) Chrysene-d12	21.67	240	300517	20.00	ng		0.00
87) Perylene-d12	24.86	264	321899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	260314	130.61	ng		0.00
7) Phenol-d6	7.22	99	356266	124.24	ng		0.02
23) Nitrobenzene-d5	9.19	82	182662	61.74	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	232956	110.88	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	499965	62.57	ng		0.00
79) Terphenyl-d14	20.00	244	1020466	63.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29691	38.229	ng	#	93
3) Pyridine	3.89	79	68136	34.778	ng		94
4) n-Nitrosodimethylamine	3.80	42	42918	43.412	ng	#	93
6) Aniline	7.35	93	116589	35.295	ng		98
8) 2-Chlorophenol	7.60	128	105985	48.174	ng		94
9) Benzaldehyde	7.16	77	60851	43.181	ng		93
10) Phenol	7.24	94	126335	48.214	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	83095	41.017	ng		95
12) 1,3-Dichlorobenzene	7.91	146	113219	41.074	ng		96
13) 1,4-Dichlorobenzene	8.06	146	116225	41.674	ng		97
14) 1,2-Dichlorobenzene	8.38	146	115057	42.253	ng		99
15) Benzyl Alcohol	8.27	79	90048	44.715	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	117755	39.975	ng		100
17) 2-Methylphenol	8.49	107	87416	45.763	ng		97
18) Hexachloroethane	9.11	117	42127	41.867	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	76958	41.534	ng		95
20) 3+4-Methylphenols	8.82	107	118065	45.074	ng		89
22) Acetophenone	8.85	105	147391	37.731	ng		98
24) Nitrobenzene	9.23	77	116161	41.213	ng		98
25) Isophorone	9.75	82	212725	39.325	ng		97
26) 2-Nitrophenol	9.94	139	60409	44.394	ng		97
27) 2,4-Dimethylphenol	10.01	122	96345	49.399	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	116429	38.997	ng		99
29) 2,4-Dichlorophenol	10.49	162	112896	45.178	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	126424	40.141	ng		97
31) Naphthalene	10.88	128	321728	41.552	ng		98
32) Benzoic acid	10.17	122	51003	36.841	ng		94
33) 4-Chloroaniline	11.00	127	67475	21.260	ng		95
34) Hexachlorobutadiene	11.17	225	88422	37.979	ng		98
35) Caprolactam	11.77	113	34234	39.778	ng	#	79
36) 4-Chloro-3-methylphenol	12.13	107	116822	42.858	ng		98
37) 2-Methylnaphthalene	12.48	142	242733	40.858	ng		97
38) 1-Methylnaphthalene	12.70	142	233679	41.340	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	157669	38.588	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	196642	91.616	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	101455	42.163	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	112889	46.405	ng		96
46) 1,1'-Biphenyl	13.49	154	330478	39.347	ng		98
47) 2-Chloronaphthalene	13.53	162	256532	40.142	ng		99
48) 2-Nitroaniline	13.74	65	77553	40.603	ng		99
49) Acenaphthylene	14.37	152	414340	41.659	ng		98
50) Dimethylphthalate	14.10	163	345059	40.350	ng		98
51) 2,6-Dinitrotoluene	14.22	165	77295	41.605	ng		97
52) Acenaphthene	14.72	154	245375	40.455	ng		99
53) 3-Nitroaniline	14.56	138	50173	27.972	ng		93
54) 2,4-Dinitrophenol	14.77	184	90202	77.956	ng		99
55) Dibenzofuran	15.05	168	408491	41.530	ng		99
56) 4-Nitrophenol	14.90	139	113209	94.182	ng		95
57) 2,4-Dinitrotoluene	15.01	165	113102	42.599	ng	#	92
58) Fluorene	15.70	166	337883	40.957	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	111080	42.977	ng	#	98
60) Diethylphthalate	15.46	149	342438	39.852	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	194390	40.391	ng		97
62) 4-Nitroaniline	15.73	138	69860	37.712	ng		96
63) Azobenzene	15.98	77	282444	40.615	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	70533	46.291	ng		96
66) n-Nitrosodiphenylamine	15.90	169	304720	41.687	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	140701	40.381	ng		96
68) Hexachlorobenzene	16.71	284	153813	38.457	ng		97
69) Atrazine	16.85	200	130862	51.522	ng		94
70) Pentachlorophenol	17.05	266	178139	97.747	ng		98
71) Phenanthrene	17.44	178	550368	41.512	ng		99
72) Anthracene	17.53	178	560958	42.289	ng		98
73) Carbazole	17.81	167	507458	42.245	ng		99
74) Di-n-butylphthalate	18.35	149	610485	41.885	ng		98
75) Fluoranthene	19.44	202	741354	42.891	ng		99
77) Benzidine	19.63	184	242666	40.123	ng		99
78) Pyrene	19.81	202	762385	40.985	ng		100
80) Butylbenzylphthalate	20.69	149	281134	39.892	ng		98
81) Benzo(a)anthracene	21.64	228	787478	41.833	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	258788	35.544	ng		98
83) Chrysene	21.71	228	765778	40.944	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	413668	41.322	ng		99
85) Di-n-octyl phthalate	22.75	149	710088	41.808	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	991184	42.219	ng		99
88) Benzo(b)fluoranthene	23.85	252	827072	45.365	ng		99
89) Benzo(k)fluoranthene	23.92	252	844079	45.990	ng		97
90) Benzo(a)pyrene	24.71	252	771921	44.339	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	842794	47.328	ng		99
92) Benzo(g,h,i)perylene	29.65	276	836109	47.600	ng		99

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

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