Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038753.D
Acq On : 20 Dec 2018 8:15
Operator : JU/SJ
Sample : J6425-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-20181214MSD

Quant Time: Dec 20 11:06:40 2018
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	8.06	152	24111	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	94817	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	64255	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163046	20.00	ng		0.00
76) Chrysene-d12	21.72	240	166984	20.00	ng		0.00
87) Perylene-d12	25.02	264	179183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	198974	146.37	ng		0.00
7) Phenol-d6	7.22	99	260293	139.48	ng		0.00
23) Nitrobenzene-d5	9.24	82	183829	99.05	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	160821	181.61	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	457001	97.57	ng		0.00
79) Terphenyl-d14	20.04	244	894841	116.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	18935	29.928	ng		97
3) Pyridine	3.90	79	41976	24.098	ng		93
4) n-Nitrosodimethylamine	3.82	42	37072	43.435	ng	#	85
6) Aniline	7.39	93	64318	26.998	ng		99
8) 2-Chlorophenol	7.62	128	70592	44.873	ng		95
9) Benzaldehyde	7.20	77	24755	20.448	ng		93
10) Phenol	7.24	94	86963	43.862	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	60324	38.216	ng		94
12) 1,3-Dichlorobenzene	7.94	146	72629	39.047	ng		98
13) 1,4-Dichlorobenzene	8.09	146	73647	38.660	ng		97
14) 1,2-Dichlorobenzene	8.41	146	71277	39.688	ng		96
15) Benzyl Alcohol	8.30	79	66520	45.667	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	131846	36.462	ng		98
17) 2-Methylphenol	8.50	107	62378	46.959	ng		95
18) Hexachloroethane	9.14	117	25837	37.116	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	51911	39.605	ng		99
20) 3+4-Methylphenols	8.83	107	90016	49.068	ng		97
22) Acetophenone	8.89	105	106077	44.790	ng		96
24) Nitrobenzene	9.28	77	84870	45.202	ng		97
25) Isophorone	9.79	82	151316	45.377	ng		96
26) 2-Nitrophenol	9.99	139	42140	43.851	ng		91
27) 2,4-Dimethylphenol	10.03	122	73741	53.543	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	83735	44.496	ng		98
29) 2,4-Dichlorophenol	10.52	162	80449	52.507	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	83922	45.346	ng		98
31) Naphthalene	10.92	128	227510	48.699	ng		98
32) Benzoic acid	10.21	122	23583	31.414	ng		88
33) 4-Chloroaniline	11.04	127	41789	20.604	ng		96
34) Hexachlorobutadiene	11.19	225	55433	44.266	ng		94
35) Caprolactam	11.83	113	19945	31.455	ng	#	86
36) 4-Chloro-3-methylphenol	12.15	107	82513	47.192	ng		97
37) 2-Methylnaphthalene	12.53	142	174431	52.337	ng		100
38) 1-Methylnaphthalene	12.74	142	167140	51.680	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	107008	44.553	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	109375	82.888 ng		90
43) 2,4,6-Trichlorophenol	13.13	196	73396	49.699 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	79799	51.036 ng		99
46) 1,1'-Biphenyl	13.53	154	228256	42.374 ng		99
47) 2-Chloronaphthalene	13.58	162	186508	44.824 ng		97
48) 2-Nitroaniline	13.79	65	54224	40.913 ng		97
49) Acenaphthylene	14.42	152	307673	49.462 ng		99
50) Dimethylphthalate	14.14	163	246899	47.053 ng		98
51) 2,6-Dinitrotoluene	14.28	165	55773	46.903 ng		97
52) Acenaphthene	14.76	154	177302	47.667 ng		99
53) 3-Nitroaniline	14.61	138	37040	30.557 ng		97
54) 2,4-Dinitrophenol	14.82	184	54290	76.943 ng		93
55) Dibenzofuran	15.09	168	302533	47.449 ng		96
56) 4-Nitrophenol	14.91	139	74264	80.758 ng		96
57) 2,4-Dinitrotoluene	15.07	165	78504	46.873 ng		98
58) Fluorene	15.74	166	242831	51.406 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	74280	52.803 ng		97
60) Diethylphthalate	15.50	149	253108	43.940 ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	138509	46.995 ng		97
62) 4-Nitroaniline	15.78	138	50422	40.404 ng		92
63) Azobenzene	16.02	77	215224	44.725 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	48882	42.028 ng		90
66) n-Nitrosodiphenylamine	15.95	169	225034	46.974 ng		98
67) 4-Bromophenyl-phenylether	16.62	248	92160	46.282 ng		97
68) Hexachlorobenzene	16.74	284	97689	47.326 ng		97
69) Atrazine	16.89	200	90303	50.793 ng		97
70) Pentachlorophenol	17.09	266	102054	83.587 ng		98
71) Phenanthrene	17.49	178	422035	49.915 ng		98
72) Anthracene	17.57	178	428923	51.387 ng		99
73) Carbazole	17.85	167	371326	44.983 ng		100
74) Di-n-butylphthalate	18.38	149	432177	45.626 ng		99
75) Fluoranthene	19.49	202	516214	49.346 ng		98
77) Benzidine	19.68	184	77937	15.782 ng	#	97
78) Pyrene	19.85	202	517019	46.868 ng		99
80) Butylbenzylphthalate	20.72	149	195121	45.273 ng		99
81) Benzo(a)anthracene	21.70	228	503217	49.455 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	104338	25.855 ng		97
83) Chrysene	21.77	228	467711	47.722 ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	270293	44.219 ng		98
85) Di-n-octyl phthalate	22.80	149	466408	45.561 ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	570126	49.480 ng	#	73
88) Benzo(b)fluoranthene	23.97	252	510775	51.919 ng		98
89) Benzo(k)fluoranthene	24.04	252	490465	50.066 ng		98
90) Benzo(a)pyrene	24.87	252	492655	51.908 ng		98
91) Dibenzo(a,h)anthracene	28.87	278	472994	50.053 ng		98
92) Benzo(g,h,i)perylene	29.99	276	478413	51.371 ng		96

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

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