Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038742.D
Acq On : 20 Dec 2018 1:02
Operator : JU/SJ
Sample : J6426-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:48 PM

Quant Time: Dec 20 03:17:21 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	8.05	152	24268	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	99147	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	67147	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	167953	20.00	ng		0.00
76) Chrysene-d12	21.72	240	165989	20.00	ng		0.00
87) Perylene-d12	25.02	264	180111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	130807	95.60	ng		0.00
7) Phenol-d6	7.21	99	180811	96.26	ng		0.00
23) Nitrobenzene-d5	9.23	82	110101	56.73	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	91199	98.55	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	257152	52.54	ng		0.00
79) Terphenyl-d14	20.04	244	477066	62.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	12823	20.137	ng		91
3) Pyridine	3.90	79	33953	19.366	ng		97
4) n-Nitrosodimethylamine	3.82	42	23973	27.906	ng		89
6) Aniline	7.39	93	17689	7.377	ng		100
8) 2-Chlorophenol	7.62	128	47270	29.854	ng		95
9) Benzaldehyde	7.20	77	15452	12.681	ng		97
10) Phenol	7.24	94	68997	34.575	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	40864	25.720	ng		97
12) 1,3-Dichlorobenzene	7.94	146	49915	26.662	ng		97
13) 1,4-Dichlorobenzene	8.09	146	66747	34.811	ng		98
14) 1,2-Dichlorobenzene	8.41	146	47579	26.321	ng		99
15) Benzyl Alcohol	8.30	79	43706	29.811	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	86415	23.744	ng		97
17) 2-Methylphenol	8.50	107	41715	31.201	ng		95
18) Hexachloroethane	9.14	117	17509	24.990	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	34245	25.958	ng		94
20) 3+4-Methylphenols	8.83	107	57504	31.143	ng		99
22) Acetophenone	8.88	105	70786	28.583	ng		97
24) Nitrobenzene	9.28	77	53173	27.083	ng		97
25) Isophorone	9.79	82	96789	27.758	ng		99
26) 2-Nitrophenol	9.99	139	27967	27.832	ng		96
27) 2,4-Dimethylphenol	10.03	122	47347	32.877	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	55382	28.144	ng		97
29) 2,4-Dichlorophenol	10.52	162	52887	33.010	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	53397	27.592	ng		92
31) Naphthalene	10.92	128	149082	30.518	ng		98
32) Benzoic acid	10.17	122	13556m	21.846	ng		
33) 4-Chloroaniline	11.05	127	15334	7.230	ng	#	93
34) Hexachlorobutadiene	11.18	225	34572	26.402	ng		96
35) Caprolactam	11.82	113	18237	27.506	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	56533	30.921	ng		95
37) 2-Methylnaphthalene	12.52	142	109081	31.300	ng		99
38) 1-Methylnaphthalene	12.74	142	103319	30.551	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	65331	26.029	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	68574	49.729	ng		93
43) 2,4,6-Trichlorophenol	13.13	196	47916	31.048	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	53420	32.693	ng		97
46) 1,1'-Biphenyl	13.53	154	144549	25.679	ng		99
47) 2-Chloronaphthalene	13.57	162	116727	26.845	ng		95
48) 2-Nitroaniline	13.78	65	39441	28.477	ng		96
49) Acenaphthylene	14.42	152	192568	29.624	ng		97
50) Dimethylphthalate	14.14	163	202143	36.864	ng		100
51) 2,6-Dinitrotoluene	14.28	165	36026	28.991	ng		93
52) Acenaphthene	14.76	154	109682	28.218	ng		98
53) 3-Nitroaniline	14.61	138	16723	13.202	ng		99
54) 2,4-Dinitrophenol	14.82	184	34304	48.572	ng		98
55) Dibenzofuran	15.09	168	188449	28.283	ng		97
56) 4-Nitrophenol	14.91	139	55691	57.953	ng		100
57) 2,4-Dinitrotoluene	15.06	165	52628	30.070	ng		96
58) Fluorene	15.74	166	150538	30.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	50368	34.263	ng		95
60) Diethylphthalate	15.49	149	161195	26.778	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	86042	27.936	ng		95
62) 4-Nitroaniline	15.78	138	35951	27.567	ng		96
63) Azobenzene	16.02	77	134922	26.830	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	30944	25.828	ng		89
66) n-Nitrosodiphenylamine	15.95	169	140047	28.379	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	56928	27.754	ng		98
68) Hexachlorobenzene	16.73	284	58897	27.699	ng		97
69) Atrazine	16.89	200	59530	32.506	ng		96
70) Pentachlorophenol	17.09	266	66773	53.093	ng		94
71) Phenanthrene	17.49	178	252687	29.013	ng		98
72) Anthracene	17.57	178	256807	29.868	ng		99
73) Carbazole	17.85	167	234613	27.591	ng		99
74) Di-n-butylphthalate	18.38	149	261834	26.835	ng		100
75) Fluoranthene	19.49	202	298140	27.667	ng		98
77) Benzidine	19.68	184	44697	9.105	ng		99
78) Pyrene	19.85	202	297023	27.087	ng		98
80) Butylbenzylphthalate	20.72	149	113398	26.469	ng		99
81) Benzo(a)anthracene	21.70	228	291708	28.841	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	43722	10.899	ng		97
83) Chrysene	21.77	228	273978	28.123	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	162559	26.754	ng		99
85) Di-n-octyl phthalate	22.79	149	277123	27.233	ng	#	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	333290	29.099	ng	#	82
88) Benzo(b)fluoranthene	23.96	252	288696m	29.194	ng		
89) Benzo(k)fluoranthene	24.03	252	283933	28.834	ng		96
90) Benzo(a)pyrene	24.86	252	279457	29.293	ng	#	97
91) Dibenzo(a,h)anthracene	28.85	278	281000	29.582	ng		99
92) Benzo(g,h,i)perylene	29.99	276	276936	29.584	ng		97

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

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