Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038777.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : PB115875BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115875BS

Manual Integrations APPROVED
Sohil
12/21/2018 2:43:41 PM

Quant Time: Dec 21 04:20:59 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	24619	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	95240	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	63953	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	156011	20.00	ng		0.00
76) Chrysene-d12	21.72	240	131044	20.00	ng		0.00
87) Perylene-d12	25.02	264	158590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	97894	70.53	ng		0.00
7) Phenol-d6	7.22	99	135352	71.03	ng		0.00
23) Nitrobenzene-d5	9.24	82	117860	63.22	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	63505	72.05	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	306096	65.66	ng		0.00
79) Terphenyl-d14	20.04	244	445080	73.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	14817	22.936	ng	#	92
3) Pyridine	3.90	79	43055	24.207	ng		99
4) n-Nitrosodimethylamine	3.82	42	25539	29.305	ng	#	93
6) Aniline	7.39	93	25577	10.515	ng		95
8) 2-Chlorophenol	7.62	128	53248	33.150	ng		97
9) Benzaldehyde	7.20	77	39894	32.273	ng		91
10) Phenol	7.24	94	66849	33.021	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	44268	27.466	ng		92
12) 1,3-Dichlorobenzene	7.94	146	55108	29.016	ng		96
13) 1,4-Dichlorobenzene	8.09	146	56914	29.260	ng		99
14) 1,2-Dichlorobenzene	8.41	146	53671	29.268	ng		98
15) Benzyl Alcohol	8.30	79	46740	31.426	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	92075	24.938	ng		96
17) 2-Methylphenol	8.50	107	46552	34.322	ng		98
18) Hexachloroethane	9.14	117	20120	28.307	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	36179	27.033	ng		98
20) 3+4-Methylphenols	8.83	107	61266	32.707	ng		96
22) Acetophenone	8.89	105	72924	30.655	ng	#	98
24) Nitrobenzene	9.28	77	58438	30.986	ng		99
25) Isophorone	9.79	82	101464	30.292	ng		98
26) 2-Nitrophenol	9.99	139	30768	31.875	ng		91
27) 2,4-Dimethylphenol	10.04	122	53254	38.496	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	58845	31.131	ng		99
29) 2,4-Dichlorophenol	10.52	162	57019	37.050	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	61630	33.153	ng		98
31) Naphthalene	10.92	128	164053	34.960	ng		99
32) Benzoic acid	10.18	122	21383m	29.346	ng		
33) 4-Chloroaniline	11.05	127	18340	9.002	ng		98
34) Hexachlorobutadiene	11.19	225	40046	31.837	ng		92
35) Caprolactam	11.82	113	18082	28.391	ng	#	89
36) 4-Chloro-3-methylphenol	12.15	107	58099	33.081	ng		95
37) 2-Methylnaphthalene	12.53	142	122103	36.473	ng		98
38) 1-Methylnaphthalene	12.74	142	114615	35.282	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	74881	31.324	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	73414	55.898	ng		93
43) 2,4,6-Trichlorophenol	13.13	196	49606	33.749	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	55140	35.432	ng		96
46) 1,1'-Biphenyl	13.53	154	162877	30.380	ng		98
47) 2-Chloronaphthalene	13.58	162	131122	31.662	ng		98
48) 2-Nitroaniline	13.79	65	39032	29.589	ng		96
49) Acenaphthylene	14.42	152	211234	34.119	ng		100
50) Dimethylphthalate	14.14	163	163407	31.288	ng		98
51) 2,6-Dinitrotoluene	14.28	165	37048	31.303	ng		93
52) Acenaphthene	14.76	154	120643	32.588	ng		95
53) 3-Nitroaniline	14.61	138	18080	14.986	ng		90
54) 2,4-Dinitrophenol	14.82	184	20760	32.752	ng		97
55) Dibenzofuran	15.09	168	207956	32.770	ng		96
56) 4-Nitrophenol	14.91	139	48793	53.311	ng		95
57) 2,4-Dinitrotoluene	15.07	165	52614	31.563	ng		95
58) Fluorene	15.74	166	165326	35.164	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	48813	34.863	ng		95
60) Diethylphthalate	15.49	149	169675	29.595	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	93190	31.768	ng		96
62) 4-Nitroaniline	15.78	138	38873	31.297	ng		93
63) Azobenzene	16.02	77	143494	29.960	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	23869	21.447	ng		88
66) n-Nitrosodiphenylamine	15.95	169	149610	32.638	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	60420	31.711	ng		95
68) Hexachlorobenzene	16.74	284	64387	32.599	ng		97
69) Atrazine	16.89	200	60342	35.471	ng		95
70) Pentachlorophenol	17.09	266	54768	46.881	ng		91
71) Phenanthrene	17.49	178	278061	34.370	ng		100
72) Anthracene	17.57	178	284273	35.593	ng		99
73) Carbazole	17.85	167	248099	31.410	ng		99
74) Di-n-butylphthalate	18.38	149	283743	31.307	ng		99
75) Fluoranthene	19.50	202	317277	31.697	ng		96
77) Benzidine	19.68	184	113753	29.352	ng		97
78) Pyrene	19.86	202	319745	36.934	ng		97
80) Butylbenzylphthalate	20.72	149	108276	32.013	ng		100
81) Benzo(a)anthracene	21.70	228	271386	33.986	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	49642	15.675	ng		97
83) Chrysene	21.77	228	261681	34.023	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	138294	28.830	ng	#	97
85) Di-n-octyl phthalate	22.80	149	247561	30.815	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	356906	39.471	ng	#	94
88) Benzo(b)fluoranthene	23.96	252	293084	33.660	ng		98
89) Benzo(k)fluoranthene	24.03	252	294394	33.953	ng		98
90) Benzo(a)pyrene	24.86	252	293610	34.953	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	291568	34.860	ng		97
92) Benzo(g,h,i)perylene	29.98	276	295459	35.845	ng		97

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

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