Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038583.D
Acq On : 15 Dec 2018 1:03
Operator : JU/SJ
Sample : PB115631BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:54 PM

Quant Time: Dec 15 04:20:37 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	24154	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	92474	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	58538	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	146658	20.00	ng		0.00
76) Chrysene-d12	21.72	240	158376	20.00	ng		0.00
87) Perylene-d12	25.02	264	174107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	165701	121.68	ng		0.00
7) Phenol-d6	7.21	99	215367	115.20	ng		0.00
23) Nitrobenzene-d5	9.24	82	126753	70.02	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	93824	116.30	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	288221	67.55	ng		0.00
79) Terphenyl-d14	20.04	244	617296	84.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24460	38.592	ng		96
3) Pyridine	3.89	79	65977	37.809	ng		95
4) n-Nitrosodimethylamine	3.82	42	38823	45.406	ng	#	91
6) Aniline	7.38	93	83925	35.166	ng		99
8) 2-Chlorophenol	7.62	128	68041	43.175	ng		96
9) Benzaldehyde	7.20	77	23579	19.442	ng		94
10) Phenol	7.24	94	86067	43.333	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	59167	37.416	ng		98
12) 1,3-Dichlorobenzene	7.95	146	71684	38.470	ng		99
13) 1,4-Dichlorobenzene	8.09	146	72185	37.825	ng		99
14) 1,2-Dichlorobenzene	8.42	146	68716	38.194	ng		92
15) Benzyl Alcohol	8.30	79	61703	42.285	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135483	37.402	ng		97
17) 2-Methylphenol	8.50	107	57907	43.516	ng		98
18) Hexachloroethane	9.14	117	26377	37.825	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	48683	37.076	ng		97
20) 3+4-Methylphenols	8.83	107	78206	42.555	ng		97
22) Acetophenone	8.89	105	96505	41.781	ng	#	99
24) Nitrobenzene	9.28	77	76305	41.670	ng		96
25) Isophorone	9.79	82	135499	41.663	ng		100
26) 2-Nitrophenol	9.99	139	36504	38.949	ng		94
27) 2,4-Dimethylphenol	10.03	122	66087	49.201	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	78255	42.637	ng		97
29) 2,4-Dichlorophenol	10.52	162	68348	45.739	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	72490	40.161	ng		99
31) Naphthalene	10.93	128	199756	43.842	ng		98
32) Benzoic acid	10.18	122	28545m	36.537	ng		
33) 4-Chloroaniline	11.04	127	46992	23.756	ng		96
34) Hexachlorobutadiene	11.19	225	48629	39.816	ng		96
35) Caprolactam	11.82	113	22559	36.479	ng		99
36) 4-Chloro-3-methylphenol	12.15	107	69674	40.859	ng		95
37) 2-Methylnaphthalene	12.53	142	145752	44.840	ng		99
38) 1-Methylnaphthalene	12.75	142	138300	43.846	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84634	38.679	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116536	96.940	ng		90
43) 2,4,6-Trichlorophenol	13.13	196	58258	43.302	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	63077	44.281	ng		96
46) 1,1'-Biphenyl	13.53	154	189913	38.700	ng		98
47) 2-Chloronaphthalene	13.58	162	151977	40.092	ng		97
48) 2-Nitroaniline	13.79	65	52077	43.131	ng		91
49) Acenaphthylene	14.42	152	245621	43.343	ng		98
50) Dimethylphthalate	14.15	163	199732	41.781	ng		99
51) 2,6-Dinitrotoluene	14.28	165	45272	41.790	ng		97
52) Acenaphthene	14.76	154	139952	41.301	ng		98
53) 3-Nitroaniline	14.62	138	32144	29.108	ng		89
54) 2,4-Dinitrophenol	14.82	184	48149	75.042	ng		95
55) Dibenzofuran	15.10	168	235911	40.614	ng		97
56) 4-Nitrophenol	14.92	139	72432	86.459	ng		94
57) 2,4-Dinitrotoluene	15.06	165	64142	42.038	ng	#	96
58) Fluorene	15.74	166	189918	44.131	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	56960	44.445	ng		98
60) Diethylphthalate	15.50	149	207383	39.518	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	106269	39.577	ng		100
62) 4-Nitroaniline	15.78	138	49006	43.105	ng		96
63) Azobenzene	16.02	77	177408	40.467	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40347	38.566	ng		91
66) n-Nitrosodiphenylamine	15.95	169	171396	39.775	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	71004	39.642	ng		94
68) Hexachlorobenzene	16.74	284	73042	39.340	ng		97
69) Atrazine	16.89	200	72490	45.330	ng		97
70) Pentachlorophenol	17.09	266	80349	73.164	ng		99
71) Phenanthrene	17.49	178	334685	44.008	ng		99
72) Anthracene	17.58	178	342354	45.599	ng		100
73) Carbazole	17.85	167	315428	42.481	ng		100
74) Di-n-butylphthalate	18.38	149	380357	44.643	ng		99
75) Fluoranthene	19.49	202	436665	46.406	ng		99
77) Benzidine	19.68	184	226346	48.325	ng		99
78) Pyrene	19.86	202	433950	41.476	ng		99
80) Butylbenzylphthalate	20.72	149	175559	42.948	ng		97
81) Benzo(a)anthracene	21.70	228	430709	44.630	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	110978	28.995	ng		98
83) Chrysene	21.77	228	393023	42.281	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	242405	41.812	ng		99
85) Di-n-octyl phthalate	22.79	149	417506	43.001	ng		98
86) Indeno(1,2,3-cd)pyrene	28.79	276	486201	44.490	ng	#	99
88) Benzo(b)fluoranthene	23.96	252	430082	44.992	ng		100
89) Benzo(k)fluoranthene	24.03	252	407078	42.765	ng		98
90) Benzo(a)pyrene	24.86	252	417281	45.248	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	403011	43.890	ng		98
92) Benzo(g,h,i)perylene	29.99	276	397481	43.925	ng		99

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

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