Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038700.D
Acq On : 18 Dec 2018 18:39
Operator : JU/SJ
Sample : PB115799BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115799BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:25 PM

Quant Time: Dec 19 07:20:48 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	22614	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	88941	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	59852	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	157808	20.00	ng		0.00
76) Chrysene-d12	21.72	240	159181	20.00	ng		0.00
87) Perylene-d12	25.02	264	174699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	175287	137.48	ng		0.00
7) Phenol-d6	7.21	99	237761	135.84	ng		0.00
23) Nitrobenzene-d5	9.24	82	120503	69.22	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	122029	147.94	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	298574	68.44	ng		0.00
79) Terphenyl-d14	20.04	244	620693	84.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20555	34.640	ng		98
3) Pyridine	3.89	79	55002	33.666	ng	#	87
4) n-Nitrosodimethylamine	3.81	42	35179	43.946	ng		86
6) Aniline	7.39	93	66187	29.622	ng		96
8) 2-Chlorophenol	7.62	128	63026	42.716	ng		98
9) Benzaldehyde	7.20	77	20929	18.432	ng		97
10) Phenol	7.24	94	80612	43.350	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	51890	35.049	ng		97
12) 1,3-Dichlorobenzene	7.94	146	65802	37.718	ng		96
13) 1,4-Dichlorobenzene	8.09	146	68439	38.304	ng		94
14) 1,2-Dichlorobenzene	8.41	146	63895	37.933	ng		98
15) Benzyl Alcohol	8.30	79	55902	40.918	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117552	34.661	ng		99
17) 2-Methylphenol	8.50	107	53576	43.003	ng		98
18) Hexachloroethane	9.14	117	24499	37.524	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	44465	36.170	ng		99
20) 3+4-Methylphenols	8.82	107	73874	42.935	ng		97
22) Acetophenone	8.88	105	89822	40.432	ng	#	94
24) Nitrobenzene	9.28	77	69699	39.574	ng		97
25) Isophorone	9.79	82	126354	40.394	ng		99
26) 2-Nitrophenol	9.99	139	35769	39.681	ng		96
27) 2,4-Dimethylphenol	10.03	122	63749	49.346	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	71730	40.635	ng		97
29) 2,4-Dichlorophenol	10.52	162	68942	47.969	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	70522	40.623	ng		95
31) Naphthalene	10.93	128	191074	43.602	ng		98
32) Benzoic acid	10.19	122	27355m	36.441	ng		
33) 4-Chloroaniline	11.04	127	46781	24.589	ng		95
34) Hexachlorobutadiene	11.19	225	47716	40.621	ng		92
35) Caprolactam	11.82	113	23135	38.897	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	70504	42.988	ng		93
37) 2-Methylnaphthalene	12.53	142	146884	46.983	ng		99
38) 1-Methylnaphthalene	12.74	142	138719	45.726	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87224	38.987	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	105670	85.971	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	61638	44.808	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	67896	46.618	ng		98
46) 1,1'-Biphenyl	13.53	154	190678	38.002	ng		98
47) 2-Chloronaphthalene	13.58	162	155680	40.167	ng		97
48) 2-Nitroaniline	13.79	65	51984	42.108	ng		96
49) Acenaphthylene	14.42	152	254783	43.973	ng		99
50) Dimethylphthalate	14.15	163	205051	41.952	ng		98
51) 2,6-Dinitrotoluene	14.28	165	46616	42.086	ng		98
52) Acenaphthene	14.76	154	143836	41.515	ng		100
53) 3-Nitroaniline	14.61	138	34618	30.660	ng		99
54) 2,4-Dinitrophenol	14.82	184	41583	64.190	ng		96
55) Dibenzofuran	15.09	168	250169	42.123	ng		97
56) 4-Nitrophenol	14.92	139	72368	84.486	ng		99
57) 2,4-Dinitrotoluene	15.06	165	66538	42.651	ng		99
58) Fluorene	15.74	166	204446	46.464	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	61060	46.598	ng		98
60) Diethylphthalate	15.50	149	211591	39.434	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	112946	41.141	ng		97
62) 4-Nitroaniline	15.78	138	51799	44.561	ng		95
63) Azobenzene	16.02	77	185233	41.325	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	41404	36.780	ng		92
66) n-Nitrosodiphenylamine	15.95	169	187300	40.395	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	75574	39.213	ng		93
68) Hexachlorobenzene	16.74	284	79602	39.844	ng		97
69) Atrazine	16.89	200	77497	45.037	ng		100
70) Pentachlorophenol	17.09	266	81600	69.053	ng		98
71) Phenanthrene	17.49	178	358476	43.805	ng		99
72) Anthracene	17.58	178	369995	45.799	ng		99
73) Carbazole	17.85	167	327422	40.981	ng		98
74) Di-n-butylphthalate	18.38	149	381510	41.614	ng		98
75) Fluoranthene	19.49	202	447038	44.151	ng		98
77) Benzidine	19.68	184	203325	43.191	ng		99
78) Pyrene	19.85	202	445378	42.353	ng		99
80) Butylbenzylphthalate	20.72	149	172389	41.960	ng		100
81) Benzo(a)anthracene	21.70	228	436822	45.035	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	112682	29.291	ng		100
83) Chrysene	21.77	228	407784	43.647	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	239139	41.040	ng		99
85) Di-n-octyl phthalate	22.80	149	408354	41.846	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	494375	45.009	ng	#	75
88) Benzo(b)fluoranthene	23.96	252	432415	45.082	ng		98
89) Benzo(k)fluoranthene	24.03	252	428398	44.852	ng		98
90) Benzo(a)pyrene	24.86	252	424908	45.919	ng	#	98
91) Dibenzo(a,h)anthracene	28.87	278	412189	44.738	ng		98
92) Benzo(g,h,i)perylene	29.99	276	405245	44.631	ng		99

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

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