Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038546.D
Acq On : 13 Dec 2018 23:59
Operator : JU/SJ
Sample : J6347-15MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MS

Manual Integrations APPROVED
Sohil
12/14/2018 12:56:33 PM

Quant Time: Dec 14 00:53:24 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	27711	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	111288	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	73827	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	184820	20.00	ng		0.00
76) Chrysene-d12	21.73	240	182535	20.00	ng		0.00
87) Perylene-d12	25.02	264	197645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	69755	44.65	ng		0.00
7) Phenol-d6	7.21	99	59322	27.66	ng		0.00
23) Nitrobenzene-d5	9.24	82	209581	96.21	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	103097	101.33	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	496265	92.22	ng		0.00
79) Terphenyl-d14	20.05	244	779764	92.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	10293	14.155	ng	#	84
3) Pyridine	3.89	79	26166	13.070	ng		93
4) n-Nitrosodimethylamine	3.82	42	20630	21.031	ng	#	84
6) Aniline	7.38	93	83113	30.355	ng		98
8) 2-Chlorophenol	7.62	128	67453	37.308	ng		99
9) Benzaldehyde	7.20	77	34783	24.999	ng		98
10) Phenol	7.24	94	32787	14.389	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	76159	41.980	ng		99
12) 1,3-Dichlorobenzene	7.94	146	79543	37.208	ng		97
13) 1,4-Dichlorobenzene	8.09	146	80896	36.948	ng		99
14) 1,2-Dichlorobenzene	8.41	146	78843	38.198	ng		96
15) Benzyl Alcohol	8.30	79	48894	29.206	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179306	43.146	ng		97
17) 2-Methylphenol	8.49	107	48908	32.036	ng		97
18) Hexachloroethane	9.14	117	28020	35.023	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	68553	45.508	ng		99
20) 3+4-Methylphenols	8.83	107	59815	28.370	ng		98
22) Acetophenone	8.89	105	129674	46.650	ng	#	99
24) Nitrobenzene	9.28	77	101905	46.242	ng		99
25) Isophorone	9.79	82	194266	49.634	ng		98
26) 2-Nitrophenol	9.99	139	49685	44.050	ng		96
27) 2,4-Dimethylphenol	10.03	122	76488	47.318	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	109962	49.784	ng		98
29) 2,4-Dichlorophenol	10.52	162	86066	47.859	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	90021	41.442	ng		99
31) Naphthalene	10.93	128	261348	47.663	ng		99
32) Benzoic acid	10.17	122	7360m	15.814	ng		
33) 4-Chloroaniline	11.04	127	92539	38.873	ng		97
34) Hexachlorobutadiene	11.19	225	56637	38.534	ng		96
35) Caprolactam	11.83	113	5126	6.888	ng	#	60
36) 4-Chloro-3-methylphenol	12.15	107	89608	43.665	ng		98
37) 2-Methylnaphthalene	12.53	142	203829	52.106	ng		97
38) 1-Methylnaphthalene	12.75	142	195824	51.588	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	120195	43.555	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	146262	96.471	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	81549	48.061	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	86453	48.123	ng		98
46) 1,1'-Biphenyl	13.53	154	271922	43.936	ng		98
47) 2-Chloronaphthalene	13.58	162	216966	45.383	ng		96
48) 2-Nitroaniline	13.79	65	78566	51.594	ng		98
49) Acenaphthylene	14.42	152	365789	51.181	ng		97
50) Dimethylphthalate	14.15	163	300950	49.917	ng		99
51) 2,6-Dinitrotoluene	14.28	165	67771	49.603	ng		97
52) Acenaphthene	14.76	154	209259	48.965	ng		98
53) 3-Nitroaniline	14.62	138	58005	41.648	ng		94
54) 2,4-Dinitrophenol	14.82	184	77681	94.549	ng		94
55) Dibenzofuran	15.09	168	352890	48.171	ng		99
56) 4-Nitrophenol	14.91	139	36651	34.689	ng		98
57) 2,4-Dinitrotoluene	15.06	165	97748	50.796	ng		98
58) Fluorene	15.74	166	287475	52.967	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	83204	51.478	ng		98
60) Diethylphthalate	15.50	149	311935	47.131	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	159943	47.231	ng		98
62) 4-Nitroaniline	15.78	138	68877	48.036	ng		91
63) Azobenzene	16.02	77	273238	49.419	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	59682	45.268	ng		97
66) n-Nitrosodiphenylamine	15.95	169	260765	48.019	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	106623	47.237	ng		93
68) Hexachlorobenzene	16.74	284	111069	47.469	ng		98
69) Atrazine	16.89	200	104918	52.061	ng		99
70) Pentachlorophenol	17.09	266	121521	87.806	ng		96
71) Phenanthrene	17.49	178	490685	51.198	ng		99
72) Anthracene	17.58	178	500844	52.935	ng		99
73) Carbazole	17.85	167	444947	47.551	ng		99
74) Di-n-butylphthalate	18.38	149	524866	48.884	ng		99
75) Fluoranthene	19.49	202	595968	50.258	ng		98
77) Benzidine	19.68	184	389162	72.090	ng		99
78) Pyrene	19.86	202	588741	48.823	ng		99
80) Butylbenzylphthalate	20.72	149	235961	50.085	ng		96
81) Benzo(a)anthracene	21.70	228	578876	52.044	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	180770	40.979	ng		97
83) Chrysene	21.77	228	533275	49.776	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	330766	49.503	ng		99
85) Di-n-octyl phthalate	22.79	149	569497	50.892	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	675436	53.626	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	589250	54.301	ng		100
89) Benzo(k)fluoranthene	24.03	252	558279	51.665	ng		98
90) Benzo(a)pyrene	24.86	252	566716	54.133	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	554896	53.235	ng		99
92) Benzo(g,h,i)perylene	29.99	276	563030	54.810	ng		96

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

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