Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
Data File : BG036470.D
Acq On : 28 Aug 2018 22:53
Operator : JU/SJ
Sample : J4280-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMS

Manual Integrations APPROVED
Sohil
8/29/2018 3:13:08 PM

Quant Time: Aug 29 02:06:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61867	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	256520	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	169785	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	447762	20.00	ng		0.00
75) Chrysene-d12	21.70	240	474908	20.00	ng		-0.01
86) Perylene-d12	24.91	264	502306	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	403429	103.44	ng		0.00
7) Phenol-d6	7.22	99	518829	92.91	ng		0.00
23) Nitrobenzene-d5	9.22	82	373290	78.95	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	264482	130.55	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	845093	71.07	ng		-0.01
78) Terphenyl-d14	20.04	244	1536436	75.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52164	28.660	ng	#	92
3) Pyridine	3.95	79	116584	22.819	ng		92
4) n-Nitrosodimethylamine	3.85	42	77979	34.268	ng		95
6) Aniline	7.39	93	143385	20.230	ng		97
8) 2-Chlorophenol	7.63	128	155883	36.857	ng		95
9) Benzaldehyde	7.20	77	76995	20.023	ng		95
10) Phenol	7.25	94	183071	31.329	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	157459	33.989	ng		96
12) 1,3-Dichlorobenzene	7.95	146	159167	32.958	ng		100
13) 1,4-Dichlorobenzene	8.10	146	162565	33.341	ng		98
14) 1,2-Dichlorobenzene	8.42	146	156732	33.658	ng		98
15) Benzyl Alcohol	8.30	79	161547	35.888	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	296537	31.740	ng		99
17) 2-Methylphenol	8.50	107	141553	36.481	ng		96
18) Hexachloroethane	9.15	117	59708	34.155	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	134727	32.283	ng		95
20) 3+4-Methylphenols	8.83	107	194137	35.837	ng		98
22) Acetophenone	8.88	105	253341	37.610	ng	#	99
24) Nitrobenzene	9.27	77	197398	38.719	ng		97
25) Isophorone	9.79	82	378661	40.317	ng		97
26) 2-Nitrophenol	9.98	139	79714	39.457	ng		98
27) 2,4-Dimethylphenol	10.03	122	162041	43.323	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	219696	38.114	ng		99
29) 2,4-Dichlorophenol	10.51	162	174065	42.464	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	174022	36.290	ng		97
31) Naphthalene	10.92	128	509119	39.703	ng		98
32) Benzoic acid	10.15	122	81164	31.017	ng		95
33) 4-Chloroaniline	11.02	127	55698	9.479	ng		98
34) Hexachlorobutadiene	11.21	225	117731	36.541	ng		98
35) Caprolactam	11.79	113	46164m	28.270	ng		
36) 4-Chloro-3-methylphenol	12.14	107	193407	40.606	ng		98
37) 2-Methylnaphthalene	12.52	142	391718	41.749	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	223233	37.153	ng		99
40) Hexachlorocyclopentadiene	12.87	237	247951	79.313	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	149304	40.793	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	162801	41.703	ng	99
45) 1,1'-Biphenyl	13.52	154	507575	36.015	ng	97
46) 2-Chloronaphthalene	13.56	162	389494	36.201	ng	100
47) 2-Nitroaniline	13.76	65	141143	41.776	ng	98
48) Acenaphthylene	14.41	152	670596	39.881	ng	99
49) Dimethylphthalate	14.14	163	536700	38.712	ng	99
50) 2,6-Dinitrotoluene	14.26	165	116616	40.878	ng	96
51) Acenaphthene	14.75	154	425063	39.471	ng	99
52) 3-Nitroaniline	14.59	138	86962	28.287	ng	99
53) 2,4-Dinitrophenol	14.79	184	58474	54.114	ng	95
54) Dibenzofuran	15.09	168	639659	37.914	ng	98
55) 4-Nitrophenol	14.89	139	178002	70.815	ng	98
56) 2,4-Dinitrotoluene	15.04	165	166986	44.912	ng	90
57) Fluorene	15.73	166	517693	41.046	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	165816	45.208	ng	96
59) Diethylphthalate	15.50	149	538453	38.538	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	290067	37.245	ng	99
61) 4-Nitroaniline	15.75	138	134773	41.894	ng	92
62) Azobenzene	16.02	77	531963	37.420	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	62767	31.911	ng	100
65) n-Nitrosodiphenylamine	15.94	169	479180	36.016	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	198660	37.895	ng	97
67) Hexachlorobenzene	16.74	284	197588	36.860	ng	98
68) Atrazine	16.88	200	196022	39.253	ng	99
69) Pentachlorophenol	17.08	266	224229	61.547	ng	98
70) Phenanthrene	17.47	178	893122	39.254	ng	99
71) Anthracene	17.57	178	911238	40.178	ng	100
72) Carbazole	17.83	167	833084	36.781	ng	99
73) Di-n-butylphthalate	18.39	149	951938	37.742	ng	100
74) Fluoranthene	19.48	202	1133777	40.872	ng	99
76) Benzidine	19.66	184	128989	8.513	ng	99
77) Pyrene	19.84	202	1115888	38.210	ng	98
79) Butylbenzylphthalate	20.73	149	449571	38.682	ng	96
80) Benzo(a)anthracene	21.68	228	1140555	39.643	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	289195	25.221	ng	97
82) Chrysene	21.74	228	1052465	38.593	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	615012	37.815	ng	100
84) Di-n-octyl phthalate	22.81	149	1059826	39.014	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1331336	42.032	ng	99
87) Benzo(b)fluoranthene	23.89	252	1163447	41.711	ng	97
88) Benzo(k)fluoranthene	23.96	252	1092211	40.081	ng	98
89) Benzo(a)pyrene	24.76	252	1119451	41.765	ng	100
90) Dibenzo(a,h)anthracene	28.65	278	1078242	41.670	ng	97
91) Benzo(g,h,i)perylene	29.71	276	1106294	42.545	ng	97

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

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