Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038246.D
Acq On : 29 Nov 2018 23:37
Operator : JU/SJ
Sample : J6073-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHASIS-WASHMS

Manual Integrations APPROVED
mohammad
11/30/2018 3:48:10 PM

Quant Time: Nov 30 01:30:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32170	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	143300	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	86582	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	193283	20.00	ng		0.00
76) Chrysene-d12	21.75	240	176844	20.00	ng		0.00
87) Perylene-d12	25.07	264	187495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	238665	128.09	ng		0.00
7) Phenol-d6	7.23	99	305562	114.89	ng		0.00
23) Nitrobenzene-d5	9.26	82	220123	82.23	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	104203	105.53	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	441422	74.27	ng		0.00
79) Terphenyl-d14	20.07	244	724654	96.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	29578	33.608	ng	#	47
3) Pyridine	3.93	79	77315	30.797	ng		92
4) n-Nitrosodimethylamine	3.84	42	49910	54.798	ng		88
6) Aniline	7.41	93	26754	7.794	ng		98
8) 2-Chlorophenol	7.65	128	111616	51.627	ng		98
9) Benzaldehyde	7.22	77	78583	40.856	ng		97
10) Phenol	7.26	94	131887	46.816	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	103559	45.028	ng		98
12) 1,3-Dichlorobenzene	7.97	146	106651	42.821	ng		95
13) 1,4-Dichlorobenzene	8.12	146	108015	42.932	ng		99
14) 1,2-Dichlorobenzene	8.44	146	103159	42.946	ng		98
15) Benzyl Alcohol	8.33	79	160409	83.351	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	218918	51.261	ng		97
17) 2-Methylphenol	8.52	107	97765	51.330	ng		96
18) Hexachloroethane	9.16	117	39597	43.245	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	88755	46.119	ng		94
20) 3+4-Methylphenols	8.85	107	134319	49.748	ng		98
22) Acetophenone	8.92	105	167828	47.071	ng	#	96
24) Nitrobenzene	9.30	77	132482	48.378	ng		96
25) Isophorone	9.81	82	253248	52.559	ng		98
26) 2-Nitrophenol	10.01	139	64119	46.901	ng		92
27) 2,4-Dimethylphenol	10.06	122	114527	55.601	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	145945	47.369	ng		96
29) 2,4-Dichlorophenol	10.54	162	118046	50.950	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	114919	44.263	ng		97
31) Naphthalene	10.95	128	342263	48.560	ng		99
32) Benzoic acid	10.16	122	3756m	14.437	ng		
33) 4-Chloroaniline	11.07	127	8271	2.523	ng	#	94
34) Hexachlorobutadiene	11.21	225	68890	43.114	ng		97
35) Caprolactam	11.85	113	30697	33.101	ng	#	86
36) 4-Chloro-3-methylphenol	12.18	107	127605	50.413	ng		95
37) 2-Methylnaphthalene	12.55	142	250893	49.557	ng		98
38) 1-Methylnaphthalene	12.77	142	240872	49.427	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	132439	45.776	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	109181	70.474	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	95311	48.344	ng		96
44) 2,4,5-Trichlorophenol	13.23	196	99777	48.099	ng		96
46) 1,1'-Biphenyl	13.55	154	324613	44.627	ng		99
47) 2-Chloronaphthalene	13.60	162	255733	46.073	ng		99
48) 2-Nitroaniline	13.81	65	91780	52.538	ng		98
49) Acenaphthylene	14.44	152	425247	50.947	ng		99
50) Dimethylphthalate	14.17	163	340861	49.659	ng		100
51) 2,6-Dinitrotoluene	14.30	165	75477	48.585	ng		96
52) Acenaphthene	14.78	154	242701	48.299	ng		98
53) 3-Nitroaniline	14.63	138	8527	4.974	ng		89
54) 2,4-Dinitrophenol	14.84	184	1365	10.723	ng	#	88
55) Dibenzofuran	15.11	168	395774	47.632	ng		96
56) 4-Nitrophenol	14.93	139	65259	49.360	ng		90
57) 2,4-Dinitrotoluene	15.08	165	102480	48.484	ng	#	97
58) Fluorene	15.77	166	312746	50.447	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	55330	31.876	ng		95
60) Diethylphthalate	15.52	149	341925	46.899	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	165406	45.597	ng		98
62) 4-Nitroaniline	15.80	138	70368	41.322	ng		94
63) Azobenzene	16.04	77	321907	49.383	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	3219	2.633	ng		86
66) n-Nitrosodiphenylamine	15.97	169	280776	48.018	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	101922	48.043	ng		96
68) Hexachlorobenzene	16.76	284	104545	47.743	ng		96
69) Atrazine	16.91	200	104012	48.253	ng		97
70) Pentachlorophenol	17.11	266	14865	9.995	ng		88
71) Phenanthrene	17.51	178	510954	51.633	ng		99
72) Anthracene	17.60	178	512862	52.576	ng		100
73) Carbazole	17.88	167	464714	47.484	ng		98
74) Di-n-butylphthalate	18.40	149	567236	51.632	ng		98
75) Fluoranthene	19.51	202	590707	52.319	ng		99
77) Benzidine	19.70	184	17071	2.751	ng		98
78) Pyrene	19.88	202	596161	51.561	ng		97
80) Butylbenzylphthalate	20.75	149	262146	51.845	ng		99
81) Benzo(a)anthracene	21.73	228	561200	52.513	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	44364	10.657	ng		91
83) Chrysene	21.80	228	526350	51.477	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	367125	50.913	ng		97
85) Di-n-octyl phthalate	22.83	149	626165	53.676	ng		97
86) Indeno(1,2,3-cd)pyrene	28.89	276	564949	49.748	ng	#	92
88) Benzo(b)fluoranthene	24.01	252	533396	51.696	ng		99
89) Benzo(k)fluoranthene	24.08	252	547242	53.750	ng		99
90) Benzo(a)pyrene	24.91	252	534193	54.174	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	459337	48.414	ng		98
92) Benzo(g,h,i)perylene	30.08	276	451059	47.814	ng		99

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

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