Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
Data File : BG037995.D
Acq On : 14 Nov 2018 2:31
Operator : JU/SJ
Sample : PB114774BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114774BS

Manual Integrations APPROVED
Sohil
11/14/2018 2:24:19 PM

Quant Time: Nov 14 03:18:13 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	45948	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	201997	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	127016	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	300861	20.00	ng		0.00
76) Chrysene-d12	21.75	240	282739	20.00	ng		0.00
87) Perylene-d12	25.07	264	304588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	354359	133.16	ng		0.00
7) Phenol-d6	7.24	99	488447	128.58	ng		0.00
23) Nitrobenzene-d5	9.26	82	288533	76.46	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	170816	117.92	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	665588	76.34	ng		0.00
79) Terphenyl-d14	20.07	244	1040692	86.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43355	34.491	ng		96
3) Pyridine	3.92	79	126245	35.208	ng		100
4) n-Nitrosodimethylamine	3.84	42	57800	44.431	ng		91
6) Aniline	7.41	93	98972	20.187	ng		98
8) 2-Chlorophenol	7.65	128	143279	46.400	ng		99
9) Benzaldehyde	7.23	77	83177	30.277	ng		98
10) Phenol	7.26	94	190806	47.420	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	134531	40.954	ng		94
12) 1,3-Dichlorobenzene	7.97	146	141822	39.867	ng		97
13) 1,4-Dichlorobenzene	8.12	146	144317	40.161	ng		99
14) 1,2-Dichlorobenzene	8.44	146	135341	39.448	ng		98
15) Benzyl Alcohol	8.33	79	123563	44.952	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	252682	41.425	ng		98
17) 2-Methylphenol	8.52	107	127806	46.981	ng		99
18) Hexachloroethane	9.17	117	51248	39.186	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	107310	39.040	ng		99
20) 3+4-Methylphenols	8.85	107	176402	45.743	ng		99
22) Acetophenone	8.92	105	203601	40.511	ng	#	99
24) Nitrobenzene	9.31	77	161755	41.904	ng		96
25) Isophorone	9.82	82	307300	45.245	ng		97
26) 2-Nitrophenol	10.02	139	77817	40.381	ng		98
27) 2,4-Dimethylphenol	10.06	122	148425	51.119	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	191923	44.191	ng		98
29) 2,4-Dichlorophenol	10.54	162	147907	45.288	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	147054	40.182	ng		98
31) Naphthalene	10.95	128	436958	43.981	ng		99
32) Benzoic acid	10.17	122	46554	30.836	ng		95
33) 4-Chloroaniline	11.07	127	52954	11.458	ng		98
34) Hexachlorobutadiene	11.22	225	85338	37.888	ng		95
35) Caprolactam	11.85	113	56011m	42.847	ng		
36) 4-Chloro-3-methylphenol	12.17	107	160004	44.844	ng		99
37) 2-Methylnaphthalene	12.55	142	325105	45.555	ng		100
38) 1-Methylnaphthalene	12.78	142	308994	44.981	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	163782	38.589	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	218036	95.936	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	121649	42.061	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	131960	43.363	ng		97
46) 1,1'-Biphenyl	13.56	154	416870	39.067	ng		99
47) 2-Chloronaphthalene	13.60	162	329401	40.454	ng		98
48) 2-Nitroaniline	13.81	65	110840	43.251	ng		98
49) Acenaphthylene	14.45	152	546392	44.622	ng		99
50) Dimethylphthalate	14.17	163	433054	43.006	ng		99
51) 2,6-Dinitrotoluene	14.30	165	100251	43.989	ng		93
52) Acenaphthene	14.79	154	318564	43.215	ng		97
53) 3-Nitroaniline	14.63	138	39121	15.556	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	89492	73.599	ng		94
55) Dibenzofuran	15.12	168	511486	41.962	ng		99
56) 4-Nitrophenol	14.93	139	174954	90.204	ng		98
57) 2,4-Dinitrotoluene	15.09	165	139740	45.066	ng	#	94
58) Fluorene	15.77	166	414523	45.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117478	46.135	ng		97
60) Diethylphthalate	15.53	149	448488	41.933	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	215164	40.432	ng		99
62) 4-Nitroaniline	15.80	138	108633	43.484	ng		96
63) Azobenzene	16.05	77	411807	43.063	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	73902	38.835	ng		97
66) n-Nitrosodiphenylamine	15.97	169	381738	41.941	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	133852	40.534	ng		94
68) Hexachlorobenzene	16.76	284	138043	40.499	ng		99
69) Atrazine	16.91	200	143349	42.724	ng		98
70) Pentachlorophenol	17.11	266	163141	70.473	ng		96
71) Phenanthrene	17.51	178	701320	45.529	ng		100
72) Anthracene	17.61	178	705159	46.441	ng		98
73) Carbazole	17.88	167	660751	43.373	ng		100
74) Di-n-butylphthalate	18.41	149	770719	45.069	ng		99
75) Fluoranthene	19.52	202	830517	47.257	ng		98
77) Benzidine	19.70	184	268013	27.014	ng		99
78) Pyrene	19.88	202	841891	45.543	ng		99
80) Butylbenzylphthalate	20.75	149	360678	44.616	ng		99
81) Benzo(a)anthracene	21.73	228	793741	46.455	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	124998	18.781	ng		99
83) Chrysene	21.80	228	736344	45.042	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	507886	44.054	ng		98
85) Di-n-octyl phthalate	22.84	149	875788	46.956	ng		98
86) Indeno(1,2,3-cd)pyrene	28.89	276	887388	48.874	ng		99
88) Benzo(b)fluoranthene	24.01	252	778851	46.466	ng		99
89) Benzo(k)fluoranthene	24.08	252	761094	46.017	ng		98
90) Benzo(a)pyrene	24.92	252	767127	47.889	ng		98
91) Dibenzo(a,h)anthracene	28.95	278	735681	47.732	ng		96
92) Benzo(g,h,i)perylene	30.09	276	731912	47.759	ng		100

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

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