Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035819.D
Acq On : 21 Jul 2018 14:15
Operator : JU/SJ
Sample : PB111232BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111232BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:22 PM

Quant Time: Jul 23 02:07:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34595	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	125123	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	92810	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	269747	20.00	ng		0.00
75) Chrysene-d12	21.66	240	312205	20.00	ng		0.00
86) Perylene-d12	24.86	264	299594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	297665	142.85	ng		0.00
7) Phenol-d6	7.20	99	438474	141.04	ng		0.00
23) Nitrobenzene-d5	9.19	82	272560	91.00	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	205830	168.26	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	645316	93.15	ng		0.00
78) Terphenyl-d14	20.00	244	1347467	95.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	34901	32.908	ng	#	78
3) Pyridine	3.91	79	91337	32.989	ng	#	79
4) n-Nitrosodimethylamine	3.83	42	41767	35.133	ng	#	71
6) Aniline	7.36	93	71853	17.831	ng		98
8) 2-Chlorophenol	7.60	128	95388	45.010	ng		95
9) Benzaldehyde	7.17	77	53551	28.073	ng		95
10) Phenol	7.22	94	143056	45.546	ng		92
11) bis(2-Chloroethyl)ether	7.44	93	92575	37.635	ng		86
12) 1,3-Dichlorobenzene	7.92	146	108168m	42.266	ng		
13) 1,4-Dichlorobenzene	8.06	146	106613	41.000	ng		95
14) 1,2-Dichlorobenzene	8.38	146	102388	40.988	ng		99
15) Benzyl Alcohol	8.27	79	105801	37.476	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	108729	52.724	ng		79
17) 2-Methylphenol	8.47	107	92250	43.198	ng	#	91
18) Hexachloroethane	9.11	117	40027	40.259	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	84878	32.421	ng	#	87
20) 3+4-Methylphenols	8.80	107	126395	42.664	ng		95
22) Acetophenone	8.85	105	161919	41.614	ng	#	90
24) Nitrobenzene	9.23	77	129064	42.847	ng	#	96
25) Isophorone	9.75	82	244509	43.976	ng		99
26) 2-Nitrophenol	9.94	139	52825	49.378	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	96212	53.130	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	131203	42.824	ng		96
29) 2,4-Dichlorophenol	10.48	162	106841	51.686	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	116438	45.936	ng		98
31) Naphthalene	10.88	128	286338	43.932	ng		99
32) Benzoic acid	10.16	122	35137	28.823	ng		90
33) 4-Chloroaniline	11.00	127	29281	10.308	ng	#	94
34) Hexachlorobutadiene	11.16	225	88840	44.947	ng		95
35) Caprolactam	11.76	113	39599m	44.640	ng		
36) 4-Chloro-3-methylphenol	12.11	107	138118	49.848	ng		91
37) 2-Methylnaphthalene	12.48	142	226479	46.641	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	154497	44.105	ng		98
40) Hexachlorocyclopentadiene	12.82	237	193182	105.155	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	100682	49.148	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	108237	47.230	ng		98
45) 1,1'-Biphenyl	13.48	154	314661	43.730	ng		97
46) 2-Chloronaphthalene	13.53	162	248868	44.465	ng		99
47) 2-Nitroaniline	13.74	65	89040	44.999	ng		87
48) Acenaphthylene	14.38	152	418385	44.625	ng		98
49) Dimethylphthalate	14.11	163	361180	44.417	ng		100
50) 2,6-Dinitrotoluene	14.23	165	84987	51.324	ng	#	88
51) Acenaphthene	14.72	154	247210	42.328	ng		96
52) 3-Nitroaniline	14.56	138	31682	18.720	ng	#	94
53) 2,4-Dinitrophenol	14.76	184	68810	80.742	ng	#	63
54) Dibenzofuran	15.05	168	410208	44.163	ng		95
55) 4-Nitrophenol	14.88	139	124012	102.890	ng		90
56) 2,4-Dinitrotoluene	15.02	165	124895	52.574	ng		84
57) Fluorene	15.70	166	351396	45.138	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	108546	49.400	ng	#	96
59) Diethylphthalate	15.46	149	361640	43.252	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	202318	44.216	ng		96
61) 4-Nitroaniline	15.72	138	81497	46.034	ng	#	81
62) Azobenzene	15.98	77	370336	44.903	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	62106	41.360	ng		82
65) n-Nitrosodiphenylamine	15.90	169	320934	41.799	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	136953	43.762	ng		95
67) Hexachlorobenzene	16.70	284	148414	46.051	ng		96
68) Atrazine	16.85	200	154441	48.854	ng		99
69) Pentachlorophenol	17.05	266	130977	66.723	ng		94
70) Phenanthrene	17.44	178	614268	45.637	ng		97
71) Anthracene	17.53	178	622365	46.437	ng		98
72) Carbazole	17.80	167	581741	45.706	ng		98
73) Di-n-butylphthalate	18.35	149	682799	45.396	ng	#	98
74) Fluoranthene	19.45	202	850125	46.890	ng		98
76) Benzidine	19.63	184	162165	19.757	ng		99
77) Pyrene	19.80	202	848432	42.978	ng		98
79) Butylbenzylphthalate	20.69	149	323036	45.759	ng		91
80) Benzo(a)anthracene	21.64	228	870212	44.728	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	171079	25.219	ng	#	98
82) Chrysene	21.71	228	813078	45.098	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	441742	46.027	ng		99
84) Di-n-octyl phthalate	22.74	149	759134	47.240	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	926861	46.434	ng	#	89
87) Benzo(b)fluoranthene	23.85	252	824047	45.254	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	824816	46.333	ng	#	97
89) Benzo(a)pyrene	24.71	252	802228	47.356	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	773697	46.521	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	765246	47.021	ng	#	93

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

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