Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035311.D
Acq On : 21 Jun 2018 22:31
Operator : JU/SJ
Sample : PB110432BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110432BS

Manual Integrations APPROVED
Sohil
6/22/2018 2:13:53 PM

Quant Time: Jun 22 05:31:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48678	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	176999	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	131154	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	354100	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	373849	20.00	ng		-0.02
86) Perylene-d12	24.91	264	368309	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	410450	142.30	ng		-0.01
7) Phenol-d6	7.22	99	587914	138.10	ng		0.00
23) Nitrobenzene-d5	9.22	82	371066	99.65	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	279077	166.22	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	874407	86.67	ng		-0.02
78) Terphenyl-d14	20.03	244	1582643	88.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49335	35.848	ng	#	72
3) Pyridine	3.94	79	138674	37.345	ng	#	70
4) n-Nitrosodimethylamine	3.85	42	56980	35.719	ng	#	76
6) Aniline	7.38	93	132829	24.138	ng		92
8) 2-Chlorophenol	7.62	128	128348	42.450	ng		96
9) Benzaldehyde	7.19	77	72010	21.959	ng		93
10) Phenol	7.24	94	201285	45.687	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	129281	37.806	ng		91
12) 1,3-Dichlorobenzene	7.95	146	150220	41.641	ng		98
13) 1,4-Dichlorobenzene	8.09	146	150015	40.283	ng		96
14) 1,2-Dichlorobenzene	8.41	146	143334	40.976	ng		99
15) Benzyl Alcohol	8.29	79	151514	37.560	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	140439	41.263	ng		78
17) 2-Methylphenol	8.49	107	132836	45.731	ng		94
18) Hexachloroethane	9.14	117	56580	42.439	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	119472	33.032	ng	#	83
20) 3+4-Methylphenols	8.82	107	180904	43.450	ng		93
22) Acetophenone	8.87	105	220785	40.268	ng	#	88
24) Nitrobenzene	9.26	77	181237	47.531	ng		94
25) Isophorone	9.78	82	341450	43.432	ng		99
26) 2-Nitrophenol	9.97	139	74587	56.750	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	139894	50.638	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	183855	43.519	ng		95
29) 2,4-Dichlorophenol	10.51	162	155803	51.831	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	165239	45.843	ng		96
31) Naphthalene	10.91	128	398935	43.386	ng		99
32) Benzoic acid	10.17	122	92759	50.129	ng		99
33) 4-Chloroaniline	11.01	127	54226	13.582	ng		97
34) Hexachlorobutadiene	11.19	225	126893	45.267	ng		95
35) Caprolactam	11.79	113	51197m	46.085	ng		
36) 4-Chloro-3-methylphenol	12.13	107	186547	49.784	ng		94
37) 2-Methylnaphthalene	12.51	142	317256	45.509	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	218513	44.730	ng		98
40) Hexachlorocyclopentadiene	12.86	237	317375	103.599	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	146091	49.943	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	164928	51.370	ng		93
45) 1,1'-Biphenyl	13.52	154	441321	41.847	ng		99
46) 2-Chloronaphthalene	13.56	162	348579	43.717	ng		98
47) 2-Nitroaniline	13.76	65	115984	49.260	ng		93
48) Acenaphthylene	14.40	152	579263	43.326	ng		98
49) Dimethylphthalate	14.13	163	481158	42.070	ng		98
50) 2,6-Dinitrotoluene	14.25	165	108676	52.085	ng		92
51) Acenaphthene	14.74	154	340729	39.005	ng		98
52) 3-Nitroaniline	14.58	138	52099	25.446	ng	#	89
53) 2,4-Dinitrophenol	14.78	184	129713	153.612	ng	#	64
54) Dibenzofuran	15.08	168	561380	42.909	ng		94
55) 4-Nitrophenol	14.88	139	167392	96.874	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	159036	57.379	ng	#	84
57) Fluorene	15.72	166	467299	42.738	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	171208	54.892	ng	#	91
59) Diethylphthalate	15.49	149	476912	40.871	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	277206	44.461	ng		97
61) 4-Nitroaniline	15.74	138	106269	48.398	ng	#	78
62) Azobenzene	16.01	77	465307	40.693	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	93954	58.114	ng		87
65) n-Nitrosodiphenylamine	15.93	169	431409	40.569	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	189271	44.386	ng		99
67) Hexachlorobenzene	16.73	284	194929	44.912	ng		95
68) Atrazine	16.88	200	190686	42.049	ng		97
69) Pentachlorophenol	17.07	266	236898	81.171	ng		96
70) Phenanthrene	17.46	178	774664	43.067	ng		97
71) Anthracene	17.56	178	777442	43.148	ng		98
72) Carbazole	17.82	167	705620	42.208	ng		99
73) Di-n-butylphthalate	18.38	149	796693	39.983	ng		98
74) Fluoranthene	19.47	202	1015008	43.364	ng		96
76) Benzidine	19.65	184	407660	29.310	ng		99
77) Pyrene	19.83	202	1011799	41.054	ng		97
79) Butylbenzylphthalate	20.71	149	359614	40.183	ng		98
80) Benzo(a)anthracene	21.67	228	1026546	42.970	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	221570	24.652	ng	#	99
82) Chrysene	21.74	228	960893	43.930	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	490687	38.804	ng		99
84) Di-n-octyl phthalate	22.79	149	840156	38.727	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1127253	44.003	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	1007968	44.441	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	931363	41.977	ng	#	97
89) Benzo(a)pyrene	24.76	252	964020	45.169	ng	#	97
90) Dibenzo(a,h)anthracene	28.65	278	923128	43.815	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	951305	46.138	ng	#	93

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

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