Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035683.D
Acq On : 17 Jul 2018 15:17
Operator : JU/SJ
Sample : J3819-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-071318-AMS

Manual Integrations APPROVED
Sohil
7/18/2018 3:27:49 PM

Quant Time: Jul 18 03:27:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53074	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	191947	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	135017	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	359265	20.00	ng		0.00
75) Chrysene-d12	21.68	240	403274	20.00	ng		0.00
86) Perylene-d12	24.89	264	391774	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	459688	143.80	ng		0.00
7) Phenol-d6	7.22	99	604602	126.76	ng		0.00
23) Nitrobenzene-d5	9.21	82	469932	102.27	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	305887	171.88	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	967388	95.99	ng		-0.02
78) Terphenyl-d14	20.01	244	1828724	99.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55515	34.120	ng	#	71
3) Pyridine	3.95	79	138538	32.616	ng	#	75
4) n-Nitrosodimethylamine	3.85	42	65673	36.009	ng	#	72
6) Aniline	7.37	93	169624	27.438	ng		98
8) 2-Chlorophenol	7.61	128	149419	45.957	ng		94
9) Benzaldehyde	7.18	77	85875	29.344	ng		97
10) Phenol	7.24	94	192730	39.996	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	158804	42.082	ng		87
12) 1,3-Dichlorobenzene	7.93	146	170920	43.533	ng		95
13) 1,4-Dichlorobenzene	8.08	146	172705	43.293	ng		97
14) 1,2-Dichlorobenzene	8.40	146	161609	42.170	ng		97
15) Benzyl Alcohol	8.28	79	177984	41.093	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	169369	53.534	ng		70
17) 2-Methylphenol	8.49	107	145571	44.433	ng	#	89
18) Hexachloroethane	9.12	117	64723	42.433	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	145617	36.256	ng	#	84
20) 3+4-Methylphenols	8.82	107	201263	44.282	ng		94
22) Acetophenone	8.87	105	265696	44.513	ng	#	88
24) Nitrobenzene	9.25	77	216439	46.839	ng	#	94
25) Isophorone	9.76	82	412501	48.362	ng		100
26) 2-Nitrophenol	9.96	139	89227	54.369	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	157540	56.710	ng		91
28) bis(2-Chloroethoxy)methane	10.25	93	219226	46.644	ng		95
29) 2,4-Dichlorophenol	10.50	162	173580	54.738	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	182915	47.040	ng		99
31) Naphthalene	10.90	128	465351	46.541	ng		98
32) Benzoic acid	10.15	122	34788	18.602	ng	#	82
33) 4-Chloroaniline	11.01	127	34723	7.968	ng	#	88
34) Hexachlorobutadiene	11.18	225	141897	46.797	ng		95
35) Caprolactam	11.78	113	49288m	36.219	ng		
36) 4-Chloro-3-methylphenol	12.13	107	211667	49.797	ng		93
37) 2-Methylnaphthalene	12.50	142	364257	48.899	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	246520	48.375	ng		99
40) Hexachlorocyclopentadiene	12.84	237	307481	115.051	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	164136	55.076	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	175871	52.752	ng		98
45) 1,1'-Biphenyl	13.50	154	504659	48.211	ng		99
46) 2-Chloronaphthalene	13.55	162	388565	47.722	ng		100
47) 2-Nitroaniline	13.75	65	137223	47.671	ng		98
48) Acenaphthylene	14.39	152	646406	47.393	ng		98
49) Dimethylphthalate	14.12	163	562453	47.547	ng		99
50) 2,6-Dinitrotoluene	14.24	165	126481	52.505	ng		91
51) Acenaphthene	14.73	154	379254	44.637	ng		97
52) 3-Nitroaniline	14.57	138	57296	23.271	ng	#	88
53) 2,4-Dinitrophenol	14.79	184	10714	14.520	ng	#	59
54) Dibenzofuran	15.06	168	639801	47.349	ng		96
55) 4-Nitrophenol	14.89	139	163537	93.268	ng	#	86
56) 2,4-Dinitrotoluene	15.03	165	184312	53.332	ng	#	85
57) Fluorene	15.71	166	536421	47.365	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	165241	51.694	ng		93
59) Diethylphthalate	15.48	149	563180	46.300	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	305861	45.949	ng		94
61) 4-Nitroaniline	15.74	138	122369	47.514	ng		85
62) Azobenzene	16.00	77	555146	46.269	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	41906	20.954	ng		80
65) n-Nitrosodiphenylamine	15.92	169	479015	46.843	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	209664	50.302	ng		96
67) Hexachlorobenzene	16.71	284	214762	50.034	ng		98
68) Atrazine	16.87	200	220764	52.434	ng		98
69) Pentachlorophenol	17.07	266	85403	32.666	ng		93
70) Phenanthrene	17.45	178	883388	49.278	ng		98
71) Anthracene	17.54	178	889291	49.820	ng		97
72) Carbazole	17.81	167	820734	48.415	ng		97
73) Di-n-butylphthalate	18.36	149	945042	47.176	ng	#	97
74) Fluoranthene	19.46	202	1155116	47.837	ng		97
76) Benzidine	19.64	184	304318	28.703	ng		99
77) Pyrene	19.82	202	1144414	44.880	ng		96
79) Butylbenzylphthalate	20.70	149	443388	48.624	ng		94
80) Benzo(a)anthracene	21.66	228	1183931	47.110	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	255866	29.200	ng	#	97
82) Chrysene	21.72	228	1109507	47.642	ng		97
83) Bis(2-ethylhexyl)phthalate	21.55	149	629389	50.770	ng	#	99
84) Di-n-octyl phthalate	22.76	149	1070389	51.568	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.55	276	1293908	50.184	ng	#	86
87) Benzo(b)fluoranthene	23.87	252	1156382	48.563	ng	#	97
88) Benzo(k)fluoranthene	23.94	252	1107496	47.574	ng	#	98
89) Benzo(a)pyrene	24.74	252	1115784	50.368	ng	#	97
90) Dibenzo(a,h)anthracene	28.61	278	1062455	48.852	ng		98
91) Benzo(g,h,i)perylene	29.70	276	1075200	50.522	ng	#	94

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

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