Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040057.D
Acq On : 21 Mar 2019 6:27
Operator : JU/SJ
Sample : K1688-22MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-031919-AMS

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:10 PM

Quant Time: Mar 21 11:56:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44930	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	191579	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	127647	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	305941	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	297757	20.00	ng		-0.02
87) Perylene-d12	25.16	264	302505	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	328947	124.90	ng		-0.02
7) Phenol-d6	7.29	99	431443	109.87	ng		-0.02
23) Nitrobenzene-d5	9.32	82	322159	90.95	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	206892	139.06	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	738155	82.34	ng		-0.02
79) Terphenyl-d14	20.11	244	1181113	87.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	30114	24.767	ng	#	3
3) Pyridine	3.99	79	86230	26.491	ng		99
4) n-Nitrosodimethylamine	3.90	42	51539	33.376	ng	#	91
6) Aniline	7.47	93	37586	7.306	ng		98
8) 2-Chlorophenol	7.71	128	126640	39.636	ng		99
9) Benzaldehyde	7.28	77	40594	16.025	ng		96
10) Phenol	7.32	94	142144	33.413	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	129187	38.949	ng		94
12) 1,3-Dichlorobenzene	8.03	146	128226	35.485	ng		95
13) 1,4-Dichlorobenzene	8.18	146	131089	35.615	ng		97
14) 1,2-Dichlorobenzene	8.50	146	125560	35.307	ng		99
15) Benzyl Alcohol	8.38	79	122054	39.182	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	249675	37.638	ng		98
17) 2-Methylphenol	8.58	107	109548	40.385	ng		95
18) Hexachloroethane	9.23	117	45914	34.765	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	104603	37.008	ng		95
20) 3+4-Methylphenols	8.91	107	151525	40.210	ng		98
22) Acetophenone	8.97	105	202044	39.293	ng	#	94
24) Nitrobenzene	9.37	77	156638	42.152	ng		99
25) Isophorone	9.88	82	306182	41.252	ng		100
26) 2-Nitrophenol	10.07	139	76582	42.683	ng		94
27) 2,4-Dimethylphenol	10.12	122	133862	47.972	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	183215	40.620	ng		95
29) 2,4-Dichlorophenol	10.61	162	144050	45.850	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	144063	40.750	ng		99
31) Naphthalene	11.02	128	411776	40.596	ng		98
32) Benzoic acid	10.21	122	8793m	10.557	ng		
33) 4-Chloroaniline	11.14	127	6486	1.508	ng	#	91
34) Hexachlorobutadiene	11.27	225	94457	39.099	ng		94
35) Caprolactam	11.91	113	35130m	29.272	ng		
36) 4-Chloro-3-methylphenol	12.23	107	157182	43.644	ng		99
37) 2-Methylnaphthalene	12.60	142	314090	41.418	ng		100
38) 1-Methylnaphthalene	12.83	142	302847	41.094	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	174816	40.426	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	198354	85.592	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	120680	47.667	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	125795	44.081	ng		98
46) 1,1'-Biphenyl	13.60	154	431028	41.055	ng		98
47) 2-Chloronaphthalene	13.66	162	331224	41.937	ng		99
48) 2-Nitroaniline	13.86	65	113476	44.707	ng		97
49) Acenaphthylene	14.50	152	535543	41.305	ng		99
50) Dimethylphthalate	14.22	163	447196	41.897	ng		100
51) 2,6-Dinitrotoluene	14.35	165	100617	44.466	ng		98
52) Acenaphthene	14.84	154	328699	42.121	ng		99
53) 3-Nitroaniline	14.68	138	10638	4.677	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	27653	23.361	ng		98
55) Dibenzofuran	15.17	168	536314	41.888	ng		98
56) 4-Nitrophenol	14.98	139	134577	66.139	ng		93
57) 2,4-Dinitrotoluene	15.14	165	143734	45.207	ng	#	85
58) Fluorene	15.81	166	424715	42.196	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	127096	45.603	ng		97
60) Diethylphthalate	15.57	149	457181	43.268	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	226444	42.160	ng		98
62) 4-Nitroaniline	15.85	138	95246	38.625	ng		99
63) Azobenzene	16.09	77	415884	43.421	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	32724	18.090	ng		93
66) n-Nitrosodiphenylamine	16.02	169	394441	44.534	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	149207	43.570	ng		97
68) Hexachlorobenzene	16.81	284	153676	43.292	ng		95
69) Atrazine	16.96	200	153786	44.118	ng		99
70) Pentachlorophenol	17.16	266	112803	50.317	ng		95
71) Phenanthrene	17.56	178	713301	42.328	ng		99
72) Anthracene	17.65	178	727257	44.286	ng		100
73) Carbazole	17.92	167	625064	42.222	ng		99
74) Di-n-butylphthalate	18.45	149	774086	44.441	ng		100
75) Fluoranthene	19.56	202	835078	41.931	ng		98
77) Benzidine	19.74	184	72088	7.629	ng		97
78) Pyrene	19.92	202	837656	43.293	ng		99
80) Butylbenzylphthalate	20.78	149	352753	47.058	ng		96
81) Benzo(a)anthracene	21.78	228	791523	42.415	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	61597	9.041	ng	#	99
83) Chrysene	21.85	228	756863	41.835	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	488974	46.420	ng		99
85) Di-n-octyl phthalate	22.89	149	824506	47.272	ng		95
86) Indeno(1,2,3-cd)pyrene	29.02	276	907091	44.197	ng		99
88) Benzo(b)fluoranthene	24.08	252	782447	43.375	ng		99
89) Benzo(k)fluoranthene	24.15	252	770937	45.912	ng		98
90) Benzo(a)pyrene	25.00	252	769812	46.182	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	735637	45.016	ng		97
92) Benzo(g,h,i)perylene	30.26	276	752406	45.844	ng		96

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

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