Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040058.D
Acq On : 21 Mar 2019 7:07
Operator : JU/SJ
Sample : K1688-22MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/25/2019 4:17:12 PM

Quant Time: Mar 21 11:57:52 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	8.14	152	40420	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	177068	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	124002	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	294836	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	280967	20.00	ng		-0.03
87) Perylene-d12	25.15	264	289678	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	327766	138.34	ng		-0.02
7) Phenol-d6	7.30	99	430397	121.83	ng		-0.02
23) Nitrobenzene-d5	9.32	82	329307	100.58	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	216216	149.60	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	768255	88.21	ng		-0.02
79) Terphenyl-d14	20.11	244	1206981	94.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	30240	27.646	ng	#	1
3) Pyridine	4.00	79	88998	30.392	ng		95
4) n-Nitrosodimethylamine	3.90	42	50760	36.539	ng	#	90
6) Aniline	7.47	93	45979	9.934	ng		95
8) 2-Chlorophenol	7.71	128	129703	45.124	ng		96
9) Benzaldehyde	7.28	77	40423	17.739	ng		89
10) Phenol	7.32	94	145286	37.963	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	129515	43.405	ng		96
12) 1,3-Dichlorobenzene	8.03	146	129434	39.815	ng		98
13) 1,4-Dichlorobenzene	8.18	146	133075	40.188	ng		99
14) 1,2-Dichlorobenzene	8.50	146	130705	40.854	ng		98
15) Benzyl Alcohol	8.38	79	124556	44.447	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	243497	40.802	ng		98
17) 2-Methylphenol	8.58	107	109468	44.859	ng		98
18) Hexachloroethane	9.22	117	48193	40.562	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	105738	41.584	ng		95
20) 3+4-Methylphenols	8.91	107	153693	45.336	ng		97
22) Acetophenone	8.97	105	205768	43.297	ng	#	95
24) Nitrobenzene	9.36	77	162265	47.244	ng		98
25) Isophorone	9.88	82	320559	46.729	ng		99
26) 2-Nitrophenol	10.08	139	79090	47.694	ng		98
27) 2,4-Dimethylphenol	10.12	122	133288	51.680	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	189101	45.361	ng		96
29) 2,4-Dichlorophenol	10.60	162	151399	52.139	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	148524	45.455	ng		98
31) Naphthalene	11.02	128	427505	45.601	ng		99
32) Benzoic acid	10.22	122	22894	17.750	ng		97
33) 4-Chloroaniline	11.13	127	8256	2.077	ng	#	94
34) Hexachlorobutadiene	11.27	225	94953	42.526	ng		95
35) Caprolactam	11.91	113	35730m	32.212	ng		
36) 4-Chloro-3-methylphenol	12.23	107	159241	47.839	ng		97
37) 2-Methylnaphthalene	12.61	142	326750	46.618	ng		98
38) 1-Methylnaphthalene	12.82	142	316764	46.505	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	184009	43.803	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	208774	92.736	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	127105	51.681	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	134085	48.368	ng		98
46) 1,1'-Biphenyl	13.61	154	452137	44.332	ng		99
47) 2-Chloronaphthalene	13.65	162	348148	45.375	ng		98
48) 2-Nitroaniline	13.86	65	118342	47.995	ng		94
49) Acenaphthylene	14.50	152	557674	44.276	ng		99
50) Dimethylphthalate	14.22	163	468161	45.150	ng		99
51) 2,6-Dinitrotoluene	14.35	165	106232	48.328	ng		93
52) Acenaphthene	14.83	154	341113	44.997	ng		96
53) 3-Nitroaniline	14.69	138	14481	6.554	ng	#	88
54) 2,4-Dinitrophenol	14.89	184	39775	32.064	ng		97
55) Dibenzofuran	15.17	168	561050	45.108	ng		98
56) 4-Nitrophenol	14.99	139	140823	71.243	ng		92
57) 2,4-Dinitrotoluene	15.13	165	149852	48.517	ng		88
58) Fluorene	15.81	166	440269	45.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	137724	50.869	ng		98
60) Diethylphthalate	15.57	149	474956	46.272	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	236533	45.333	ng		98
62) 4-Nitroaniline	15.85	138	100530	41.966	ng		93
63) Azobenzene	16.09	77	426491	45.837	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	43947	25.210	ng		96
66) n-Nitrosodiphenylamine	16.02	169	404044	47.336	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	155456	47.105	ng		95
68) Hexachlorobenzene	16.81	284	157861	46.146	ng		96
69) Atrazine	16.95	200	160378	47.742	ng		96
70) Pentachlorophenol	17.15	266	143515	66.428	ng		96
71) Phenanthrene	17.56	178	739100	45.511	ng		99
72) Anthracene	17.65	178	746113	47.146	ng		98
73) Carbazole	17.92	167	649715	45.540	ng		99
74) Di-n-butylphthalate	18.45	149	792676	47.222	ng		99
75) Fluoranthene	19.56	202	861191	44.871	ng		99
77) Benzidine	19.74	184	61051	6.847	ng		97
78) Pyrene	19.92	202	863187	47.279	ng		98
80) Butylbenzylphthalate	20.78	149	361552	51.114	ng		95
81) Benzo(a)anthracene	21.78	228	808316	45.904	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	76978	11.974	ng		96
83) Chrysene	21.85	228	780071	45.695	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	507518	51.059	ng		99
85) Di-n-octyl phthalate	22.89	149	856381	52.034	ng		95
86) Indeno(1,2,3-cd)pyrene	29.03	276	933615	48.207	ng		99
88) Benzo(b)fluoranthene	24.09	252	819738	47.455	ng		97
89) Benzo(k)fluoranthene	24.16	252	776092	48.266	ng		100
90) Benzo(a)pyrene	25.00	252	788660	49.408	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	752032	48.057	ng		99
92) Benzo(g,h,i)perylene	30.24	276	766763	48.788	ng		99

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

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