Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039968.D
Acq On : 16 Mar 2019 9:09
Operator : JU/SJ
Sample : K1897-04MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:54 PM

Quant Time: Mar 18 01:26:05 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	47914	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	202044	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	139372	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	334882	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	324721	20.00	ng		-0.02
87) Perylene-d12	25.18	264	338645	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	361025	128.55	ng		-0.01
7) Phenol-d6	7.30	99	464783	110.99	ng		-0.01
23) Nitrobenzene-d5	9.33	82	364135	97.47	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	244379	150.43	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	855530	87.40	ng		-0.02
79) Terphenyl-d14	20.11	244	1318996	89.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	36267	27.970	ng	#	14
3) Pyridine	4.00	79	79548	22.916	ng		98
4) n-Nitrosodimethylamine	3.91	42	60495	36.736	ng		91
6) Aniline	7.48	93	78204	14.254	ng		98
8) 2-Chlorophenol	7.71	128	130275	38.234	ng		95
9) Benzaldehyde	7.29	77	44962	16.644	ng		96
10) Phenol	7.32	94	144760	31.909	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	133006	37.603	ng		99
12) 1,3-Dichlorobenzene	8.03	146	132791	34.459	ng		98
13) 1,4-Dichlorobenzene	8.18	146	140596	35.819	ng		97
14) 1,2-Dichlorobenzene	8.50	146	134582	35.487	ng		98
15) Benzyl Alcohol	8.39	79	132605	39.918	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	266796	37.714	ng		99
17) 2-Methylphenol	8.58	107	113083	39.092	ng		99
18) Hexachloroethane	9.23	117	49130	34.883	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	109515	36.333	ng		97
20) 3+4-Methylphenols	8.91	107	152748	38.010	ng		98
22) Acetophenone	8.98	105	206508	38.081	ng	#	95
24) Nitrobenzene	9.37	77	165268	42.170	ng		97
25) Isophorone	9.88	82	315485	40.304	ng		98
26) 2-Nitrophenol	10.08	139	79591	42.063	ng		93
27) 2,4-Dimethylphenol	10.12	122	140169	47.630	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	189167	39.767	ng		94
29) 2,4-Dichlorophenol	10.61	162	152043	45.888	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	147693	39.613	ng		98
31) Naphthalene	11.02	128	421541	39.406	ng		98
32) Benzoic acid	10.26	122	79413m	40.497	ng		
33) 4-Chloroaniline	11.14	127	16380	3.611	ng	#	94
34) Hexachlorobutadiene	11.28	225	99040	38.873	ng		97
35) Caprolactam	11.92	113	34473m	27.237	ng		
36) 4-Chloro-3-methylphenol	12.23	107	166756	43.904	ng		99
37) 2-Methylnaphthalene	12.61	142	325475	40.696	ng		96
38) 1-Methylnaphthalene	12.83	142	309572	39.831	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	184528	39.082	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235994	93.267	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	128941	46.646	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	137632	44.172	ng		99
46) 1,1'-Biphenyl	13.61	154	449938	39.251	ng		99
47) 2-Chloronaphthalene	13.66	162	345347	40.047	ng		99
48) 2-Nitroaniline	13.87	65	124507	44.926	ng		97
49) Acenaphthylene	14.50	152	557096	39.352	ng		100
50) Dimethylphthalate	14.23	163	470036	40.332	ng		99
51) 2,6-Dinitrotoluene	14.35	165	105788	42.818	ng		99
52) Acenaphthene	14.84	154	341900	40.127	ng		99
53) 3-Nitroaniline	14.69	138	43189	17.390	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	109435	70.879	ng		96
55) Dibenzofuran	15.17	168	562249	40.219	ng		99
56) 4-Nitrophenol	14.98	139	149011	67.072	ng		95
57) 2,4-Dinitrotoluene	15.14	165	149545	43.078	ng	#	85
58) Fluorene	15.82	166	442303	40.247	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140886	46.299	ng		97
60) Diethylphthalate	15.58	149	477475	41.387	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	239715	40.876	ng		97
62) 4-Nitroaniline	15.85	138	104764	38.911	ng		96
63) Azobenzene	16.10	77	433830	41.484	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	85110	42.984	ng		93
66) n-Nitrosodiphenylamine	16.02	169	413660	42.668	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	156505	41.752	ng		98
68) Hexachlorobenzene	16.82	284	161359	41.528	ng		94
69) Atrazine	16.96	200	160263	42.002	ng		97
70) Pentachlorophenol	17.16	266	203121	82.774	ng		97
71) Phenanthrene	17.56	178	734463	39.818	ng		99
72) Anthracene	17.66	178	748142	41.621	ng		99
73) Carbazole	17.93	167	652634	40.274	ng		99
74) Di-n-butylphthalate	18.45	149	799399	41.928	ng		99
75) Fluoranthene	19.57	202	862890	39.583	ng		98
77) Benzidine	19.75	184	44414	4.310	ng		99
78) Pyrene	19.93	202	875161	41.476	ng		99
80) Butylbenzylphthalate	20.79	149	370126	45.276	ng		98
81) Benzo(a)anthracene	21.79	228	830079	40.788	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	155968	20.991	ng		99
83) Chrysene	21.86	228	801155	40.606	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	514278	44.768	ng	#	99
85) Di-n-octyl phthalate	22.90	149	883620	46.455	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	945988	42.264	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	832741	41.237	ng		98
89) Benzo(k)fluoranthene	24.17	252	807477	42.956	ng		99
90) Benzo(a)pyrene	25.02	252	802411	43.001	ng		97
91) Dibenzo(a,h)anthracene	29.12	278	762218	41.665	ng		97
92) Benzo(g,h,i)perylene	30.27	276	779066	42.403	ng		99

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

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