Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042504.D
Acq On : 26 Aug 2019 18:27
Operator : HP/JU
Sample : K4477-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MSD

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:44 AM

Quant Time: Aug 27 02:29:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36044	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	130596	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	86638	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	214792	20.00	ng		0.00
76) Chrysene-d12	21.69	240	288623	20.00	ng		0.00
87) Perylene-d12	24.92	264	350528	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	248996	139.91	ng		0.00
7) Phenol-d6	7.16	99	330056	137.30	ng		0.00
23) Nitrobenzene-d5	9.17	82	183989	97.36	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	173569	140.95	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	497165	97.05	ng		0.00
79) Terphenyl-d14	20.02	244	1090778	81.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	30252	40.732	ng		97
3) Pyridine	3.82	79	74797	39.275	ng		98
4) n-Nitrosodimethylamine	3.73	42	29652	43.593	ng		92
6) Aniline	7.32	93	87867	27.404	ng		99
8) 2-Chlorophenol	7.56	128	98438	45.640	ng		96
9) Benzaldehyde	7.13	77	34383	28.569	ng		97
10) Phenol	7.19	94	108594	44.429	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	81057	42.226	ng		99
12) 1,3-Dichlorobenzene	7.89	146	114162	41.607	ng		97
13) 1,4-Dichlorobenzene	8.03	146	117061	42.119	ng		100
14) 1,2-Dichlorobenzene	8.36	146	109672	41.206	ng		99
15) Benzyl Alcohol	8.24	79	70031	40.492	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105034	40.370	ng		98
17) 2-Methylphenol	8.45	107	74587	41.430	ng		95
18) Hexachloroethane	9.09	117	39112	41.107	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	60669	38.955	ng		98
20) 3+4-Methylphenols	8.78	107	103508	41.550	ng		96
22) Acetophenone	8.83	105	130185	46.607	ng	#	97
24) Nitrobenzene	9.21	77	89226	46.624	ng		98
25) Isophorone	9.73	82	165489	44.371	ng		98
26) 2-Nitrophenol	9.92	139	56275	46.924	ng		95
27) 2,4-Dimethylphenol	9.99	122	86096	52.116	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	105329	44.807	ng		97
29) 2,4-Dichlorophenol	10.47	162	102345	47.351	ng		95
30) 1,2,4-Trichlorobenzene	10.68	180	119052	44.875	ng		99
31) Naphthalene	10.87	128	282819	46.645	ng		100
32) Benzoic acid	10.14	122	3182m	10.372	ng		
33) 4-Chloroaniline	10.98	127	79444	28.383	ng		99
34) Hexachlorobutadiene	11.16	225	78265	43.896	ng		97
35) Caprolactam	11.75	113	32609	45.214	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	89602	43.670	ng		99
37) 2-Methylnaphthalene	12.48	142	220299	45.250	ng		98
38) 1-Methylnaphthalene	12.70	142	204724	44.270	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	136036	48.894	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	147681	101.049	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	90010	47.862	ng		92
44) 2,4,5-Trichlorophenol	13.17	196	92313	47.368	ng		96
46) 1,1'-Biphenyl	13.49	154	273866	48.902	ng		99
47) 2-Chloronaphthalene	13.53	162	226380	46.879	ng		98
48) 2-Nitroaniline	13.73	65	51701	44.399	ng		98
49) Acenaphthylene	14.38	152	353417	48.646	ng		99
50) Dimethylphthalate	14.11	163	368717	58.983	ng		99
51) 2,6-Dinitrotoluene	14.23	165	68008	46.935	ng		98
52) Acenaphthene	14.72	154	205104	46.493	ng		97
53) 3-Nitroaniline	14.56	138	52373	36.141	ng		97
54) 2,4-Dinitrophenol	14.78	184	39553	43.586	ng		97
55) Dibenzofuran	15.06	168	348476	47.722	ng		100
56) 4-Nitrophenol	14.88	139	129599	125.859	ng		98
57) 2,4-Dinitrotoluene	15.02	165	98817	47.624	ng	#	96
58) Fluorene	15.71	166	285615	47.848	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98187	50.946	ng		93
60) Diethylphthalate	15.47	149	284425	46.544	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	162087	45.046	ng		98
62) 4-Nitroaniline	15.72	138	78085	50.347	ng		100
63) Azobenzene	15.99	77	200374	47.852	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	53012	39.366	ng		96
66) n-Nitrosodiphenylamine	15.91	169	266000	45.032	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	113813	41.774	ng		98
68) Hexachlorobenzene	16.72	284	120816	40.792	ng		98
69) Atrazine	16.86	200	113621	54.393	ng		97
70) Pentachlorophenol	17.07	266	143496	93.248	ng		99
71) Phenanthrene	17.45	178	517175	48.474	ng		99
72) Anthracene	17.55	178	527646	49.540	ng		99
73) Carbazole	17.82	167	509661	53.691	ng		99
74) Di-n-butylphthalate	18.37	149	588158	52.416	ng		100
75) Fluoranthene	19.47	202	774504	59.482	ng		98
77) Benzidine	19.64	184	410266	49.579	ng		99
78) Pyrene	19.82	202	787257	44.490	ng		99
80) Butylbenzylphthalate	20.71	149	318666	45.786	ng		99
81) Benzo(a)anthracene	21.67	228	823806	46.921	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	221560	31.377	ng		100
83) Chrysene	21.73	228	811356	47.917	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	457987	47.393	ng		98
85) Di-n-octyl phthalate	22.79	149	804528	48.406	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1079983	46.933	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	907477	47.091	ng		99
89) Benzo(k)fluoranthene	23.97	252	905967	48.910	ng		100
90) Benzo(a)pyrene	24.78	252	910000	49.764	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	893944	48.282	ng		99
92) Benzo(g,h,i)perylene	29.80	276	916763	49.507	ng		97

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

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