Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036827.D
Acq On : 19 Sep 2018 19:58
Operator : JU/SJ
Sample : J4772-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-091718MS

Manual Integrations APPROVED
Sohil
9/20/2018 11:46:42 AM

Quant Time: Sep 20 07:23:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56960	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	236249	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	156891	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	394778	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	386274	20.00	ng	0.00
86) Perylene-d12	24.89	264	404764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	361991	100.81	ng	0.00
7) Phenol-d6	7.21	99	466818	90.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	356060	81.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	237067	126.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	763473	69.48	ng	-0.02
78) Terphenyl-d14	20.02	244	1314361	79.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	52455	31.302	ng	# 86
3) Pyridine	3.94	79	151175	32.139	ng	99
4) n-Nitrosodimethylamine	3.84	42	87855	41.934	ng	100
6) Aniline	7.37	93	83146	12.741	ng	95
8) 2-Chlorophenol	7.61	128	168730	43.331	ng	94
9) Benzaldehyde	7.18	77	69085	19.514	ng	98
10) Phenol	7.24	94	203223	37.773	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	170662	40.012	ng	97
12) 1,3-Dichlorobenzene	7.94	146	175812	39.541	ng	97
13) 1,4-Dichlorobenzene	8.08	146	179657	40.020	ng	97
14) 1,2-Dichlorobenzene	8.40	146	173030	40.360	ng	99
15) Benzyl Alcohol	8.29	79	175556	42.359	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	338224	39.321	ng	100
17) 2-Methylphenol	8.49	107	154287	43.189	ng	98
18) Hexachloroethane	9.13	117	68102	42.312	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	149005	38.781	ng	96
20) 3+4-Methylphenols	8.82	107	214265	42.960	ng	98
22) Acetophenone	8.87	105	268521	43.283	ng	# 99
24) Nitrobenzene	9.25	77	220888	47.044	ng	97
25) Isophorone	9.78	82	411341	47.554	ng	98
26) 2-Nitrophenol	9.96	139	97972	52.656	ng	95
27) 2,4-Dimethylphenol	10.02	122	172171	49.981	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	239701	45.152	ng	97
29) 2,4-Dichlorophenol	10.50	162	189362	50.159	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	189034	42.803	ng	99
31) Naphthalene	10.90	128	549315	46.513	ng	100
32) Benzoic acid	10.12	122	35771m	17.179	ng	
33) 4-Chloroaniline	11.01	127	19433	3.591	ng	# 95
34) Hexachlorobutadiene	11.19	225	129900	43.777	ng	98
35) Caprolactam	11.79	113	49245	32.745	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	213715	48.719	ng	98
37) 2-Methylnaphthalene	12.50	142	419809	48.582	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242122	43.608	ng	99
40) Hexachlorocyclopentadiene	12.85	237	242215	83.846	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	163657	48.389	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	176983	49.061	ng		98
45) 1,1'-Biphenyl	13.51	154	543286	41.717	ng		100
46) 2-Chloronaphthalene	13.55	162	422822	42.528	ng		99
47) 2-Nitroaniline	13.75	65	160673	51.465	ng		98
48) Acenaphthylene	14.39	152	715785	46.067	ng		99
49) Dimethylphthalate	14.13	163	580825	45.338	ng		99
50) 2,6-Dinitrotoluene	14.25	165	130266	49.415	ng		98
51) Acenaphthene	14.74	154	421240	42.331	ng		100
52) 3-Nitroaniline	14.58	138	48068	16.921	ng		94
53) 2,4-Dinitrophenol	14.78	184	18493	18.520	ng		95
54) Dibenzofuran	15.07	168	681918	43.740	ng		99
55) 4-Nitrophenol	14.88	139	161957	69.727	ng		97
56) 2,4-Dinitrotoluene	15.03	165	182453	53.105	ng		92
57) Fluorene	15.72	166	551381	47.310	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169682	50.064	ng		95
59) Diethylphthalate	15.49	149	576439	44.648	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	318137	44.206	ng		98
61) 4-Nitroaniline	15.74	138	136071	45.773	ng		97
62) Azobenzene	16.00	77	572063	43.548	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	35431	20.431	ng		99
65) n-Nitrosodiphenylamine	15.93	169	504399	43.000	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	212236	45.918	ng		99
67) Hexachlorobenzene	16.73	284	209558	44.340	ng		97
68) Atrazine	16.87	200	215160	48.868	ng		97
69) Pentachlorophenol	17.07	266	136924	42.628	ng		97
70) Phenanthrene	17.46	178	923386	46.032	ng		99
71) Anthracene	17.55	178	940593	47.039	ng		99
72) Carbazole	17.82	167	820337	41.079	ng		99
73) Di-n-butylphthalate	18.37	149	948633	42.659	ng		99
74) Fluoranthene	19.46	202	1109606	45.369	ng		99
76) Benzidine	19.65	184	110282	8.949	ng		99
77) Pyrene	19.83	202	1093383	46.030	ng		99
79) Butylbenzylphthalate	20.71	149	437128	46.241	ng		94
80) Benzo(a)anthracene	21.67	228	1095008	46.793	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	146440	15.702	ng		96
82) Chrysene	21.73	228	1020875	46.025	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	584826	44.210	ng		99
84) Di-n-octyl phthalate	22.77	149	991462	44.872	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1198470	46.519	ng	#	97
87) Benzo(b)fluoranthene	23.88	252	1077804	47.952	ng		97
88) Benzo(k)fluoranthene	23.94	252	1046953	47.678	ng		98
89) Benzo(a)pyrene	24.74	252	1047071	48.479	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	998486	47.887	ng		98
91) Benzo(g,h,i)perylene	29.68	276	974129	46.490	ng		97

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

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