Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037624.D
Acq On : 29 Oct 2018 15:49
Operator : JU/SJ
Sample : J5696-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DL-SW-01MSD

Quant Time: Oct 30 04:48:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61664	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	280677	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	185621	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	425850	20.00	ng		0.00
76) Chrysene-d12	21.77	240	366561	20.00	ng		0.00
87) Perylene-d12	25.11	264	385623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	193194	52.38	ng		0.00
7) Phenol-d6	7.24	99	173082	31.03	ng		0.00
23) Nitrobenzene-d5	9.28	82	416204	83.07	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	231827	114.51	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	979866	79.60	ng		0.00
79) Terphenyl-d14	20.08	244	1346532	78.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	21966	11.744	ng		98
3) Pyridine	3.93	79	53731	11.397	ng		99
4) n-Nitrosodimethylamine	3.85	42	28691	17.086	ng		96
6) Aniline	7.42	93	88392	12.991	ng		97
8) 2-Chlorophenol	7.66	128	120409	27.906	ng		99
9) Benzaldehyde	7.24	77	102339	29.334	ng		97
10) Phenol	7.27	94	85471	14.525	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	189164	42.325	ng		96
12) 1,3-Dichlorobenzene	7.99	146	202022	42.056	ng		98
13) 1,4-Dichlorobenzene	8.14	146	204020	41.522	ng		98
14) 1,2-Dichlorobenzene	8.46	146	197331	41.749	ng		97
15) Benzyl Alcohol	8.34	79	100285	24.335	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	350995	43.891	ng		99
17) 2-Methylphenol	8.53	107	93182	23.952	ng		98
18) Hexachloroethane	9.19	117	72676	43.385	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	163480	42.567	ng		97
20) 3+4-Methylphenols	8.86	107	116455	20.937	ng		98
22) Acetophenone	8.93	105	305287	43.369	ng	#	98
24) Nitrobenzene	9.32	77	234256	45.005	ng		95
25) Isophorone	9.84	82	459673	50.211	ng		96
26) 2-Nitrophenol	10.03	139	86876	37.050	ng		99
27) 2,4-Dimethylphenol	10.07	122	146349	34.956	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	284032	47.354	ng		97
29) 2,4-Dichlorophenol	10.56	162	157856	33.864	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	217437	42.894	ng		97
31) Naphthalene	10.97	128	651223	47.238	ng		99
32) Benzoic acid	10.15	122	33145	12.189	ng		92
33) 4-Chloroaniline	11.08	127	69716	10.763	ng		98
34) Hexachlorobutadiene	11.24	225	126470	42.095	ng		99
35) Caprolactam	11.87	113	10441	5.585	ng		99
36) 4-Chloro-3-methylphenol	12.18	107	162865	30.980	ng		98
37) 2-Methylnaphthalene	12.57	142	504525	50.204	ng		98
38) 1-Methylnaphthalene	12.79	142	474054	48.573	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255419	42.660	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	284819	99.588	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	149162	37.290	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	158501	36.395	ng		99
46) 1,1'-Biphenyl	13.57	154	649576	42.255	ng		98
47) 2-Chloronaphthalene	13.62	162	515508	44.325	ng		99
48) 2-Nitroaniline	13.83	65	169636	48.099	ng		95
49) Acenaphthylene	14.46	152	841783	48.116	ng		99
50) Dimethylphthalate	14.19	163	674549	46.974	ng		100
51) 2,6-Dinitrotoluene	14.32	165	151463	47.679	ng		95
52) Acenaphthene	14.80	154	498407	46.258	ng		98
53) 3-Nitroaniline	14.65	138	55146	15.637	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	108228	78.029	ng		95
55) Dibenzofuran	15.13	168	791857	44.358	ng		98
56) 4-Nitrophenol	14.94	139	96897	37.120	ng		99
57) 2,4-Dinitrotoluene	15.10	165	208626	50.031	ng		96
58) Fluorene	15.78	166	633801	47.412	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	140522	37.685	ng		99
60) Diethylphthalate	15.54	149	676601	45.894	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	334321	42.907	ng		99
62) 4-Nitroaniline	15.81	138	137887	39.348	ng		91
63) Azobenzene	16.06	77	637364	45.312	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84312	39.549	ng		99
66) n-Nitrosodiphenylamine	15.99	169	584490	45.629	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	212403	45.419	ng		99
68) Hexachlorobenzene	16.78	284	210607	43.453	ng		97
69) Atrazine	16.93	200	210539	45.459	ng		98
70) Pentachlorophenol	17.12	266	197956	60.974	ng		97
71) Phenanthrene	17.53	178	1020438	47.149	ng		99
72) Anthracene	17.62	178	1034552	48.709	ng		97
73) Carbazole	17.89	167	929670	43.758	ng		99
74) Di-n-butylphthalate	18.42	149	1111434	47.026	ng		100
75) Fluoranthene	19.53	202	1153482	46.990	ng		98
77) Benzidine	19.72	184	245048	19.660	ng		98
78) Pyrene	19.90	202	1150908	48.029	ng		99
80) Butylbenzylphthalate	20.77	149	505412	51.536	ng		97
81) Benzo(a)anthracene	21.75	228	1064371	49.091	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	189245	22.518	ng		100
83) Chrysene	21.82	228	1003478	48.132	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	706614	51.403	ng		99
85) Di-n-octyl phthalate	22.87	149	1191355	53.147	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1156784	51.731	ng		98
88) Benzo(b)fluoranthene	24.04	252	1064989	50.375	ng		99
89) Benzo(k)fluoranthene	24.12	252	1005969	48.568	ng		99
90) Benzo(a)pyrene	24.95	252	1025584	51.052	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	939689	50.710	ng		97
92) Benzo(g,h,i)perylene	30.14	276	953483	50.859	ng		98

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

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