Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038141.D
Acq On : 26 Nov 2018 18:45
Operator : JU/SJ
Sample : J6031-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VTW-02MSD

Quant Time: Nov 27 06:54:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42486	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	185932	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	113796	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	249769	20.00	ng		0.00
76) Chrysene-d12	21.76	240	221240	20.00	ng		0.00
87) Perylene-d12	25.08	264	232305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	150348	61.10	ng		0.00
7) Phenol-d6	7.24	99	132723	37.79	ng		0.00
23) Nitrobenzene-d5	9.26	82	293454	84.49	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	151198	116.50	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	644549	82.52	ng		0.00
79) Terphenyl-d14	20.07	244	868113	92.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17454	15.017	ng	#	93
3) Pyridine	3.93	79	35942	10.840	ng		98
4) n-Nitrosodimethylamine	3.85	42	25321	21.051	ng	#	95
6) Aniline	7.41	93	36951	8.151	ng		96
8) 2-Chlorophenol	7.65	128	111399	39.015	ng		99
9) Benzaldehyde	7.23	77	62285	24.520	ng		95
10) Phenol	7.26	94	62389	16.769	ng		96
11) bis(2-Chloroethyl)ether	7.51	93	129990	42.796	ng		97
12) 1,3-Dichlorobenzene	7.97	146	133986	40.734	ng		98
13) 1,4-Dichlorobenzene	8.12	146	136918	41.206	ng		99
14) 1,2-Dichlorobenzene	8.44	146	130618	41.174	ng		99
15) Benzyl Alcohol	8.32	79	72802	28.644	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	270088	47.887	ng		97
17) 2-Methylphenol	8.52	107	83470	33.184	ng		98
18) Hexachloroethane	9.17	117	49937	41.295	ng		95
19) n-Nitroso-di-n-propylamine	8.89	70	109125	42.936	ng		99
20) 3+4-Methylphenols	8.85	107	101094	28.351	ng		97
22) Acetophenone	8.92	105	207597	44.875	ng	#	98
24) Nitrobenzene	9.31	77	163908	46.130	ng		95
25) Isophorone	9.82	82	312551	49.994	ng		98
26) 2-Nitrophenol	10.02	139	75677	42.663	ng		97
27) 2,4-Dimethylphenol	10.06	122	123096	46.059	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	187272	46.845	ng		97
29) 2,4-Dichlorophenol	10.55	162	130995	43.576	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	143179	42.503	ng		100
31) Naphthalene	10.96	128	430139	47.035	ng		99
32) Benzoic acid	10.16	122	18201	20.192	ng		96
33) 4-Chloroaniline	11.07	127	35391	8.320	ng		94
34) Hexachlorobutadiene	11.22	225	85774	41.372	ng		96
35) Caprolactam	11.86	113	7308	6.073	ng	#	88
36) 4-Chloro-3-methylphenol	12.17	107	133098	40.526	ng		99
37) 2-Methylnaphthalene	12.55	142	321717	48.975	ng		97
38) 1-Methylnaphthalene	12.78	142	304078	48.090	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	164935	43.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	194627	95.585	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	113405	43.766	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	119127	43.694	ng		97
46) 1,1'-Biphenyl	13.56	154	404267	42.287	ng		99
47) 2-Chloronaphthalene	13.61	162	324534	44.486	ng		99
48) 2-Nitroaniline	13.82	65	109551	47.714	ng		97
49) Acenaphthylene	14.45	152	531227	48.424	ng		100
50) Dimethylphthalate	14.18	163	415520	46.059	ng		99
51) 2,6-Dinitrotoluene	14.31	165	95736	46.888	ng		98
52) Acenaphthene	14.79	154	307052	46.492	ng		100
53) 3-Nitroaniline	14.64	138	17853	7.924	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	92550	83.524	ng		91
55) Dibenzofuran	15.12	168	492927	45.137	ng		98
56) 4-Nitrophenol	14.93	139	50280	28.935	ng		94
57) 2,4-Dinitrotoluene	15.09	165	130990	47.152	ng		98
58) Fluorene	15.77	166	390289	47.899	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	106412	46.644	ng		98
60) Diethylphthalate	15.53	149	421757	44.015	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	203821	42.750	ng		97
62) 4-Nitroaniline	15.80	138	88794	39.672	ng		95
63) Azobenzene	16.05	77	390897	45.626	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69197	43.801	ng		99
66) n-Nitrosodiphenylamine	15.97	169	347778	46.026	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	125494	45.777	ng		95
68) Hexachlorobenzene	16.77	284	128293	45.338	ng		100
69) Atrazine	16.91	200	125234	44.960	ng		98
70) Pentachlorophenol	17.11	266	146966	76.472	ng		96
71) Phenanthrene	17.51	178	630666	49.318	ng		99
72) Anthracene	17.61	178	632885	50.207	ng		98
73) Carbazole	17.88	167	571006	45.150	ng		98
74) Di-n-butylphthalate	18.41	149	696518	49.062	ng		98
75) Fluoranthene	19.52	202	714055	48.942	ng		99
77) Benzidine	19.70	184	27852	3.588	ng		97
78) Pyrene	19.89	202	718919	49.701	ng		99
80) Butylbenzylphthalate	20.76	149	318062	50.281	ng		98
81) Benzo(a)anthracene	21.74	228	668398	49.993	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	103633	19.899	ng		98
83) Chrysene	21.81	228	627930	49.088	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	442506	49.052	ng		99
85) Di-n-octyl phthalate	22.85	149	754143	51.674	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	724778	51.015	ng		97
88) Benzo(b)fluoranthene	24.02	252	647306	50.635	ng		99
89) Benzo(k)fluoranthene	24.09	252	650448	51.564	ng		98
90) Benzo(a)pyrene	24.93	252	641905	52.541	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	590772	50.256	ng		99
92) Benzo(g,h,i)perylene	30.11	276	594297	50.845	ng		100

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

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