Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111100.D
Acq On : 29 Nov 2018 19:42
Operator : JU/SJ
Sample : J6125-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-BMSD

Quant Time: Nov 30 02:39:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61039	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	244842	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	105187	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	161118	20.00	ng		0.00
76) Chrysene-d12	14.13	240	126935	20.00	ng		0.00
87) Perylene-d12	15.66	264	90094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	550359	149.52	ng		0.01
7) Phenol-d6	6.57	99	702320	146.42	ng		0.00
23) Nitrobenzene-d5	7.50	82	444095	103.81	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	139721	133.75	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	784176	108.01	ng		0.00
79) Terphenyl-d14	13.05	244	592150	90.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	57652	32.693	ng		88
3) Pyridine	3.59	79	162322	42.036	ng	#	85
4) n-Nitrosodimethylamine	3.53	42	88147	49.887	ng		89
6) Aniline	6.61	93	172690	29.123	ng	#	56
8) 2-Chlorophenol	6.72	128	213385	48.917	ng		99
9) Benzaldehyde	6.49	77	119987	49.990	ng		99
10) Phenol	6.59	94	307084	56.847	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	187083	45.970	ng		94
12) 1,3-Dichlorobenzene	6.87	146	215317	44.931	ng		97
13) 1,4-Dichlorobenzene	6.95	146	221237	44.894	ng		98
14) 1,2-Dichlorobenzene	7.10	146	208507	44.954	ng		99
15) Benzyl Alcohol	7.08	79	175937	47.728	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	296792	45.824	ng		95
17) 2-Methylphenol	7.19	107	169124	48.762	ng	#	86
18) Hexachloroethane	7.43	117	75830	41.831	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	145872	46.686	ng		97
20) 3+4-Methylphenols	7.35	107	217425	47.159	ng	#	58
22) Acetophenone	7.35	105	292352	50.941	ng	#	93
24) Nitrobenzene	7.52	77	217655	48.923	ng		98
25) Isophorone	7.76	82	394814	56.260	ng		96
26) 2-Nitrophenol	7.84	139	107758	49.855	ng		94
27) 2,4-Dimethylphenol	7.87	122	191758	58.747	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	246847	52.505	ng		99
29) 2,4-Dichlorophenol	8.08	162	174331	51.038	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	185086	48.352	ng		96
31) Naphthalene	8.24	128	605612	52.767	ng		99
32) Benzoic acid	7.99	122	24062	9.915	ng		98
33) 4-Chloroaniline	8.30	127	57142	11.697	ng		99
34) Hexachlorobutadiene	8.34	225	102439	46.985	ng		97
35) Caprolactam	8.67	113	51064	43.790	ng	#	89
36) 4-Chloro-3-methylphenol	8.79	107	183792	48.428	ng		92
37) 2-Methylnaphthalene	8.93	142	404862	53.407	ng		99
38) 1-Methylnaphthalene	9.03	142	376900	51.114	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	172195	52.040	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	5644	26.533 ng	99
43) 2,4,6-Trichlorophenol	9.22	196	109140	55.226 ng	96
44) 2,4,5-Trichlorophenol	9.26	196	113575	54.580 ng	93
46) 1,1'-Biphenyl	9.39	154	483712	49.880 ng	99
47) 2-Chloronaphthalene	9.42	162	355322	50.534 ng	99
48) 2-Nitroaniline	9.53	65	114800	52.198 ng	97
49) Acenaphthylene	9.84	152	529664	52.975 ng	99
50) Dimethylphthalate	9.69	163	474791	61.546 ng	99
51) 2,6-Dinitrotoluene	9.77	165	87821	51.136 ng	93
52) Acenaphthene	10.01	154	321389	50.141 ng	97
53) 3-Nitroaniline	9.95	138	60213	30.082 ng	94
54) 2,4-Dinitrophenol	10.07	184	9587	18.783 ng	95
55) Dibenzofuran	10.18	168	451550	48.290 ng	100
56) 4-Nitrophenol	10.12	139	88949	79.941 ng	91
57) 2,4-Dinitrotoluene	10.19	165	107156	48.091 ng	97
58) Fluorene	10.53	166	360536	49.556 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	83630	48.971 ng	93
60) Diethylphthalate	10.39	149	408374	51.333 ng	100
61) 4-Chlorophenyl-phenylether	10.51	204	174982	45.983 ng	97
62) 4-Nitroaniline	10.57	138	74218	39.823 ng	95
63) Azobenzene	10.67	77	353206	45.551 ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	15296	20.070 ng	92
66) n-Nitrosodiphenylamine	10.63	169	313874	58.520 ng	97
67) 4-Bromophenyl-phenylether	11.00	248	95089	54.191 ng	96
68) Hexachlorobenzene	11.08	284	95127	50.897 ng	96
69) Atrazine	11.16	200	93829	Below Cal	99
70) Pentachlorophenol	11.28	266	70495	94.804 ng	98
71) Phenanthrene	11.50	178	471246	55.225 ng	99
72) Anthracene	11.55	178	477891	54.992 ng	98
73) Carbazole	11.71	167	406043	48.138 ng	99
74) Di-n-butylphthalate	12.01	149	530630	53.805 ng	99
75) Fluoranthene	12.69	202	471451	53.755 ng	99
77) Benzidine	12.82	184	247719	76.298 ng	96
78) Pyrene	12.93	202	473537	51.077 ng	99
80) Butylbenzylphthalate	13.52	149	209794	50.122 ng	99
81) Benzo(a)anthracene	14.12	228	414315	55.286 ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	117352	45.669 ng	98
83) Chrysene	14.16	228	384384	52.104 ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	283302	50.795 ng	96
85) Di-n-octyl phthalate	14.68	149	501611	56.976 ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	259224	48.953 ng	99
88) Benzo(b)fluoranthene	15.21	252	311666	58.886 ng	99
89) Benzo(k)fluoranthene	15.24	252	293277	53.835 ng	100
90) Benzo(a)pyrene	15.60	252	270557	54.918 ng	99
91) Dibenzo(a,h)anthracene	17.26	278	214607	52.796 ng	98
92) Benzo(g,h,i)perylene	17.74	276	212400	54.194 ng	100

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

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