Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111016.D
Acq On : 27 Nov 2018 18:14
Operator : JU/SJ
Sample : J6065-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USTS-1-2-3MSD

Quant Time: Nov 28 01:10:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47608	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	171747	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	70791	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	128244	20.00	ng		0.00
76) Chrysene-d12	14.14	240	97117	20.00	ng		0.00
87) Perylene-d12	15.67	264	66960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	399397	139.12	ng		0.02
7) Phenol-d6	6.57	99	478967	128.02	ng		0.00
23) Nitrobenzene-d5	7.51	82	283723	94.54	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	92827	132.03	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	424098	86.79	ng		0.00
79) Terphenyl-d14	13.06	244	406488	81.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	46582	33.868	ng		89
3) Pyridine	3.60	79	121828	40.450	ng	#	86
4) n-Nitrosodimethylamine	3.55	42	67603	49.054	ng		85
6) Aniline	6.61	93	110582	23.910	ng	#	58
8) 2-Chlorophenol	6.73	128	144526	42.479	ng		100
9) Benzaldehyde	6.50	77	53208	23.698	ng		92
10) Phenol	6.59	94	198902	47.208	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	130405	41.083	ng		95
12) 1,3-Dichlorobenzene	6.88	146	149490	39.995	ng		98
13) 1,4-Dichlorobenzene	6.96	146	150895	39.258	ng		99
14) 1,2-Dichlorobenzene	7.11	146	141415	39.091	ng		98
15) Benzyl Alcohol	7.09	79	118868	41.343	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201208	39.830	ng		87
17) 2-Methylphenol	7.19	107	109307	40.407	ng	#	89
18) Hexachloroethane	7.44	117	59588	42.145	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	95908	39.355	ng		94
20) 3+4-Methylphenols	7.35	107	142824	39.717	ng	#	47
22) Acetophenone	7.35	105	196245	48.748	ng	#	92
24) Nitrobenzene	7.53	77	146908	47.075	ng		96
25) Isophorone	7.76	82	247516	50.281	ng		97
26) 2-Nitrophenol	7.85	139	64169	42.323	ng		94
27) 2,4-Dimethylphenol	7.87	122	123160	53.789	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	155249	47.076	ng		98
29) 2,4-Dichlorophenol	8.09	162	109479	45.693	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	112611	41.939	ng		97
31) Naphthalene	8.25	128	371406	46.133	ng		100
33) 4-Chloroaniline	8.30	127	59507	17.366	ng		98
34) Hexachlorobutadiene	8.35	225	64198	41.977	ng		98
35) Caprolactam	8.67	113	33480	40.930	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	108393	40.716	ng		98
37) 2-Methylnaphthalene	8.93	142	237013	44.571	ng		99
38) 1-Methylnaphthalene	9.03	142	221584	42.840	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98315	44.149	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	64045	48.154	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	67225	48.003 ng		91
46) 1,1'-Biphenyl	9.40	154	274473	42.055 ng		98
47) 2-Chloronaphthalene	9.43	162	206481	43.634 ng		99
48) 2-Nitroaniline	9.53	65	72165	48.756 ng		98
49) Acenaphthylene	9.85	152	313346	46.567 ng		99
50) Dimethylphthalate	9.69	163	279944	53.920 ng		99
51) 2,6-Dinitrotoluene	9.77	165	47826	41.379 ng	#	86
52) Acenaphthene	10.02	154	185189	42.930 ng		97
53) 3-Nitroaniline	9.95	138	49587	36.810 ng		92
55) Dibenzofuran	10.19	168	268203	42.618 ng		99
56) 4-Nitrophenol	10.12	139	63849	84.982 ng		94
57) 2,4-Dinitrotoluene	10.19	165	59153	39.447 ng	#	76
58) Fluorene	10.53	166	217847	44.492 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	53807	46.817 ng	#	91
60) Diethylphthalate	10.39	149	236538	44.180 ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	102806	40.143 ng		97
62) 4-Nitroaniline	10.57	138	54305	43.296 ng		95
63) Azobenzene	10.68	77	210080	40.257 ng		98
65) 4,6-Dinitro-2-methylphenol	10.61	198	2412	3.976 ng	#	78
66) n-Nitrosodiphenylamine	10.64	169	191676	44.897 ng		98
67) 4-Bromophenyl-phenylether	11.01	248	58721	42.043 ng		91
68) Hexachlorobenzene	11.09	284	62358	41.917 ng	#	92
69) Atrazine	11.16	200	60335	Below Cal		98
70) Pentachlorophenol	11.29	266	52676	89.000 ng		97
71) Phenanthrene	11.50	178	322100	47.422 ng		100
72) Anthracene	11.56	178	334707	48.388 ng		99
73) Carbazole	11.72	167	297160	44.261 ng		99
74) Di-n-butylphthalate	12.02	149	364837	46.477 ng		99
75) Fluoranthene	12.70	202	348228	49.883 ng		97
77) Benzidine	12.82	184	207313	83.457 ng		96
78) Pyrene	12.93	202	356218	50.220 ng		98
80) Butylbenzylphthalate	13.53	149	160841	50.225 ng		95
81) Benzo(a)anthracene	14.13	228	271047	47.273 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	88985	45.262 ng		99
83) Chrysene	14.16	228	256213	45.393 ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	223531	52.384 ng		96
85) Di-n-octyl phthalate	14.69	149	351786	52.226 ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.27	276	179324	44.261 ng		98
88) Benzo(b)fluoranthene	15.22	252	202586	51.501 ng		100
89) Benzo(k)fluoranthene	15.24	252	172482	42.600 ng		99
90) Benzo(a)pyrene	15.61	252	173701	47.439 ng		97
91) Dibenzo(a,h)anthracene	17.27	278	150712	49.887 ng		98
92) Benzo(g,h,i)perylene	17.76	276	147979	50.801 ng		97

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

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