Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111015.D
Acq On : 27 Nov 2018 17:46
Operator : JU/SJ
Sample : J6065-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 28 01:08:18 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	47204	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	174161	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	72111	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	130467	20.00	ng		0.00
76) Chrysene-d12	14.14	240	101547	20.00	ng		0.00
87) Perylene-d12	15.67	264	68640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	385367	135.38	ng		0.02
7) Phenol-d6	6.57	99	454627	122.56	ng		0.00
23) Nitrobenzene-d5	7.51	82	266771	87.66	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	85249	119.04	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	405712	81.51	ng		0.00
79) Terphenyl-d14	13.06	244	391694	75.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	40469	29.675	ng	#	85
3) Pyridine	3.61	79	113751	38.092	ng	#	83
4) n-Nitrosodimethylamine	3.56	42	57540	42.109	ng		89
6) Aniline	6.61	93	102391	22.328	ng	#	57
8) 2-Chlorophenol	6.73	128	125594	37.230	ng		99
9) Benzaldehyde	6.50	77	46519	20.292	ng		98
10) Phenol	6.59	94	175147	41.926	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	113539	36.075	ng		96
12) 1,3-Dichlorobenzene	6.88	146	129977	35.072	ng		97
13) 1,4-Dichlorobenzene	6.96	146	130740	34.305	ng		97
14) 1,2-Dichlorobenzene	7.11	146	123282	34.370	ng		99
15) Benzyl Alcohol	7.09	79	103054	36.150	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	173685	34.676	ng		87
17) 2-Methylphenol	7.19	107	96321	35.911	ng	#	86
18) Hexachloroethane	7.44	117	56957	40.629	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	86050	35.612	ng		96
20) 3+4-Methylphenols	7.35	107	123473	34.630	ng	#	44
22) Acetophenone	7.35	105	170190	41.690	ng	#	91
24) Nitrobenzene	7.53	77	128793	40.698	ng		95
25) Isophorone	7.76	82	213796	42.829	ng	#	96
26) 2-Nitrophenol	7.85	139	55051	35.806	ng		96
27) 2,4-Dimethylphenol	7.87	122	105455	45.418	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	133857	40.027	ng		99
29) 2,4-Dichlorophenol	8.09	162	91478	37.651	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	98135	36.041	ng		97
31) Naphthalene	8.25	128	328547	40.244	ng		99
33) 4-Chloroaniline	8.30	127	65685	18.903	ng		99
34) Hexachlorobutadiene	8.35	225	56097	36.172	ng		99
35) Caprolactam	8.66	113	28406	34.245	ng	#	62
36) 4-Chloro-3-methylphenol	8.78	107	93006	34.452	ng		98
37) 2-Methylnaphthalene	8.93	142	205728	38.152	ng		98
38) 1-Methylnaphthalene	9.03	142	197934m	37.737	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	83987	37.024	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	54638	40.329	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	57660	40.419	ng		92
46) 1,1'-Biphenyl	9.40	154	240810	36.222	ng		99
47) 2-Chloronaphthalene	9.43	162	175251	36.356	ng		96
48) 2-Nitroaniline	9.53	65	61417	40.735	ng		98
49) Acenaphthylene	9.85	152	270282	39.432	ng		99
50) Dimethylphthalate	9.69	163	241158	45.599	ng		99
51) 2,6-Dinitrotoluene	9.77	165	41281	35.062	ng		92
52) Acenaphthene	10.02	154	158016	35.961	ng		98
53) 3-Nitroaniline	9.95	138	46950	34.214	ng		90
55) Dibenzofuran	10.19	168	231365	36.092	ng		99
56) 4-Nitrophenol	10.12	139	51449	68.110	ng		94
57) 2,4-Dinitrotoluene	10.19	165	50333	32.951	ng	#	78
58) Fluorene	10.53	166	186053	37.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	45506	38.869	ng		92
60) Diethylphthalate	10.39	149	204993	37.587	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	89106	34.157	ng		97
62) 4-Nitroaniline	10.57	138	48811	38.203	ng		98
63) Azobenzene	10.68	77	175747	33.061	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	1226	1.987	ng		83
66) n-Nitrosodiphenylamine	10.64	169	161171	37.109	ng		95
67) 4-Bromophenyl-phenylether	11.01	248	50459	35.512	ng		92
68) Hexachlorobenzene	11.09	284	53233	35.173	ng	#	93
69) Atrazine	11.16	200	51283	44.076	ng		97
70) Pentachlorophenol	11.29	266	42444	70.490	ng		98
71) Phenanthrene	11.50	178	273486	39.579	ng		100
72) Anthracene	11.56	178	284729	40.462	ng		99
73) Carbazole	11.72	167	256226	37.513	ng		99
74) Di-n-butylphthalate	12.02	149	312722	39.159	ng		99
75) Fluoranthene	12.70	202	306885	43.212	ng		99
77) Benzidine	12.82	184	176273	67.866	ng		96
78) Pyrene	12.93	202	312706	42.162	ng		97
80) Butylbenzylphthalate	13.53	149	138487	41.358	ng		96
81) Benzo(a)anthracene	14.13	228	240136	40.055	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	77395	37.649	ng		100
83) Chrysene	14.16	228	222514	37.703	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	193602	43.391	ng		97
85) Di-n-octyl phthalate	14.69	149	310989	44.155	ng	#	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	156501	36.943	ng		98
88) Benzo(b)fluoranthene	15.22	252	163398	40.522	ng		100
89) Benzo(k)fluoranthene	15.24	252	170503	41.081	ng		98
90) Benzo(a)pyrene	15.61	252	153395	40.868	ng		97
91) Dibenzo(a,h)anthracene	17.27	278	130844	42.250	ng		98
92) Benzo(g,h,i)perylene	17.76	276	127076	42.558	ng		99

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

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