Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110167.D
Acq On : 25 Oct 2018 18:22
Operator : JU/SJ
Sample : J5636-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-GRID-BMSD

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:19 PM

Quant Time: Oct 26 04:24:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140121	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	572947	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	275104	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	499735	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	284396	20.00	ng		-0.01
87) Perylene-d12	15.67	264	257140	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1052023	122.26	ng		0.00
7) Phenol-d6	6.60	99	1352641	122.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	852489	88.25	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	332085	121.86	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1451458	82.85	ng		-0.01
79) Terphenyl-d14	13.09	244	1253894	91.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	115438	25.607	ng		92
3) Pyridine	3.66	79	332405	33.105	ng		88
4) n-Nitrosodimethylamine	3.61	42	170651	40.566	ng		93
6) Aniline	6.63	93	337600	23.548	ng	#	53
8) 2-Chlorophenol	6.76	128	360368	36.326	ng		98
9) Benzaldehyde	6.52	77	183053	25.894	ng		94
10) Phenol	6.61	94	511591	43.486	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	333609	34.468	ng		96
12) 1,3-Dichlorobenzene	6.91	146	369038	33.803	ng		96
13) 1,4-Dichlorobenzene	6.99	146	376049	34.058	ng		99
14) 1,2-Dichlorobenzene	7.14	146	349019	34.051	ng		99
15) Benzyl Alcohol	7.10	79	323365	38.201	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	548204	35.424	ng		68
17) 2-Methylphenol	7.21	107	298954	37.813	ng	#	80
18) Hexachloroethane	7.48	117	137287	33.962	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	246706	34.940	ng		95
20) 3+4-Methylphenols	7.36	107	378124	37.000	ng		96
22) Acetophenone	7.37	105	497025	37.648	ng	#	98
24) Nitrobenzene	7.55	77	372652	37.366	ng		94
25) Isophorone	7.79	82	688368	41.805	ng		96
26) 2-Nitrophenol	7.86	139	189331	39.895	ng		97
27) 2,4-Dimethylphenol	7.89	122	332739	42.289	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	432161	38.634	ng		100
29) 2,4-Dichlorophenol	8.10	162	304668	38.327	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	314615	35.334	ng		94
31) Naphthalene	8.27	128	1042839	39.492	ng		100
32) Benzoic acid	7.89	122	332739	54.715	ng	#	11
33) 4-Chloroaniline	8.32	127	185282	15.590	ng		98
34) Hexachlorobutadiene	8.38	225	169358	34.256	ng		99
35) Caprolactam	8.69	113	46008	16.606	ng		89
36) 4-Chloro-3-methylphenol	8.80	107	327051	38.047	ng		93
37) 2-Methylnaphthalene	8.96	142	707683	40.505	ng		99
38) 1-Methylnaphthalene	9.06	142	668189	39.576	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	296280	34.565	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	236441	53.945	ng		98
43) 2,4,6-Trichlorophenol	9.24	196	206424	37.337	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	219857	37.621	ng		96
46) 1,1'-Biphenyl	9.43	154	854481	34.348	ng		100
47) 2-Chloronaphthalene	9.46	162	642521	35.210	ng		99
48) 2-Nitroaniline	9.55	65	212707	38.465	ng		95
49) Acenaphthylene	9.87	152	1025863	38.922	ng		98
50) Dimethylphthalate	9.73	163	922935	45.448	ng		99
51) 2,6-Dinitrotoluene	9.79	165	171235	39.146	ng		96
52) Acenaphthene	10.05	154	625024	35.846	ng		98
53) 3-Nitroaniline	9.96	138	130318	25.052	ng		89
54) 2,4-Dinitrophenol	10.07	184	23774	17.983	ng		87
55) Dibenzofuran	10.22	168	889031	36.417	ng		97
56) 4-Nitrophenol	10.13	139	366988	95.321	ng		91
57) 2,4-Dinitrotoluene	10.20	165	229616	41.326	ng	#	88
58) Fluorene	10.56	166	699526	38.501	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	177414m	37.246	ng		
60) Diethylphthalate	10.43	149	741626	37.412	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	329115	34.338	ng		97
62) 4-Nitroaniline	10.58	138	174164	33.663	ng		93
63) Azobenzene	10.71	77	707913	35.977	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	53197	23.300	ng		87
66) n-Nitrosodiphenylamine	10.67	169	621252	37.901	ng		96
67) 4-Bromophenyl-phenylether	11.04	248	197305	36.399	ng	#	89
68) Hexachlorobenzene	11.11	284	197977	34.422	ng	#	93
69) Atrazine	11.19	200	200669	38.739	ng		100
70) Pentachlorophenol	11.30	266	173141	51.626	ng		95
71) Phenanthrene	11.53	178	1070189	40.927	ng		100
72) Anthracene	11.58	178	1047846	39.979	ng		99
73) Carbazole	11.73	167	870512	34.017	ng		99
74) Di-n-butylphthalate	12.05	149	1089220	37.686	ng		99
75) Fluoranthene	12.72	202	959758	36.166	ng		98
77) Benzidine	12.84	184	300103	33.116	ng		96
78) Pyrene	12.95	202	956985	46.937	ng		98
80) Butylbenzylphthalate	13.56	149	380947	43.047	ng		97
81) Benzo(a)anthracene	14.14	228	663399	39.335	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	156136	26.586	ng		100
83) Chrysene	14.17	228	607103	37.900	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	519945	43.463	ng		96
85) Di-n-octyl phthalate	14.73	149	753065	40.484	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	532969	40.106	ng		95
88) Benzo(b)fluoranthene	15.22	252	562216	37.862	ng		99
89) Benzo(k)fluoranthene	15.25	252	528556m	36.208	ng		
90) Benzo(a)pyrene	15.61	252	523430	38.309	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	454328	38.537	ng		99
92) Benzo(g,h,i)perylene	17.71	276	415124	35.733	ng		97

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

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