Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102518\
Data File : BF110186.D
Acq On : 26 Oct 2018 3:02
Operator : JU/SJ
Sample : J5626-03MSD 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-SB-01BMSD

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:33 PM

Quant Time: Oct 26 07:31:59 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	123309	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	458817	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	171492	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	289601	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	219738	20.00	ng		-0.01
87) Perylene-d12	15.68	264	160125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	41987	5.54	ng		-0.02
7) Phenol-d6	6.58	99	52644	5.44	ng		-0.02
23) Nitrobenzene-d5	7.52	82	28743	3.72	ng		-0.03
42) 2,4,6-Tribromophenol	10.80	330	7217	4.25	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	54433	4.98	ng		-0.02
79) Terphenyl-d14	13.09	244	47985	4.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	5266	1.327	ng	#	89
3) Pyridine	3.69	79	4611	0.522	ng	#	69
4) n-Nitrosodimethylamine	3.55	42	5816	1.571	ng	#	94
6) Aniline	6.63	93	8162	0.647	ng	#	58
8) 2-Chlorophenol	6.75	128	15256	1.748	ng		97
9) Benzaldehyde	6.52	77	8090	0.388	ng		94
10) Phenol	6.59	94	25671	2.480	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	16019	1.881	ng		92
12) 1,3-Dichlorobenzene	6.91	146	17314	1.802	ng		96
13) 1,4-Dichlorobenzene	6.99	146	17101	1.760	ng		94
14) 1,2-Dichlorobenzene	7.13	146	16755	1.858	ng		93
15) Benzyl Alcohol	7.10	79	10753	1.444	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	23597	1.733	ng		70
17) 2-Methylphenol	7.20	107	11891	1.709	ng	#	79
18) Hexachloroethane	7.48	117	3151	0.886	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	9478	1.525	ng		97
20) 3+4-Methylphenols	7.36	107	15908m	1.769	ng		
22) Acetophenone	7.37	105	20737	1.961	ng	#	92
24) Nitrobenzene	7.55	77	14203	1.778	ng		96
25) Isophorone	7.78	82	25386	1.925	ng		94
26) 2-Nitrophenol	7.86	139	2780	0.731	ng		90
27) 2,4-Dimethylphenol	7.89	122	10756	1.707	ng		94
28) bis(2-Chloroethoxy)methane	7.99	93	16564	1.849	ng		96
29) 2,4-Dichlorophenol	8.10	162	9619	1.511	ng		90
30) 1,2,4-Trichlorobenzene	8.19	180	12657	1.775	ng		94
31) Naphthalene	8.27	128	42396	2.005	ng		97
32) Benzoic acid	7.89	122	10756	2.209	ng	#	10
33) 4-Chloroaniline	8.33	127	7063	0.742	ng	#	93
34) Hexachlorobutadiene	8.39	225	7206	1.820	ng		96
35) Caprolactam	8.65	113	227	0.102	ng	#	44
36) 4-Chloro-3-methylphenol	8.79	107	9991	1.451	ng		97
37) 2-Methylnaphthalene	8.96	142	26862	1.920	ng		99
38) 1-Methylnaphthalene	9.06	142	25283	1.870	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10759	2.014	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.24	196	5685	1.650	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	5859	1.608	ng		93
46) 1,1'-Biphenyl	9.43	154	31160	2.009	ng		98
47) 2-Chloronaphthalene	9.46	162	22219	1.953	ng		96
48) 2-Nitroaniline	9.55	65	5879	1.705	ng		90
49) Acenaphthylene	9.87	152	33716	2.052	ng		97
50) Dimethylphthalate	9.72	163	29756	2.351	ng		98
51) 2,6-Dinitrotoluene	9.79	165	2349	0.861	ng		91
52) Acenaphthene	10.05	154	19929	1.833	ng		99
53) 3-Nitroaniline	9.96	138	3985	1.229	ng		92
55) Dibenzofuran	10.22	168	28520	1.874	ng		94
56) 4-Nitrophenol	10.12	139	5638	2.349	ng		88
57) 2,4-Dinitrotoluene	10.19	165	2514	0.726	ng	#	81
58) Fluorene	10.56	166	22541	1.990	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.33	232	3909	1.316	ng	#	91
60) Diethylphthalate	10.42	149	22953	1.857	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	10414	1.743	ng		95
62) 4-Nitroaniline	10.57	138	4177	1.295	ng		92
63) Azobenzene	10.71	77	19263	1.570	ng		96
66) n-Nitrosodiphenylamine	10.66	169	19003	2.001	ng		98
67) 4-Bromophenyl-phenylether	11.04	248	5977	1.903	ng	#	89
68) Hexachlorobenzene	11.11	284	6030	1.809	ng		93
69) Atrazine	11.19	200	5781	1.926	ng		97
70) Pentachlorophenol	11.30	266	3364	1.731	ng		95
71) Phenanthrene	11.53	178	32858	2.168	ng		100
72) Anthracene	11.58	178	32850	2.163	ng		98
73) Carbazole	11.73	167	27394	1.847	ng		99
74) Di-n-butylphthalate	12.05	149	37700	2.251	ng		100
75) Fluoranthene	12.72	202	35971	2.339	ng		96
77) Benzidine	12.86	184	140	0.015	ng	#	1
78) Pyrene	12.95	202	37064m	2.353	ng		
80) Butylbenzylphthalate	13.56	149	15992	2.339	ng		95
81) Benzo(a)anthracene	14.14	228	27784	2.132	ng	#	86
82) 3,3'-Dichlorobenzidine	14.10	252	6304	1.389	ng	#	79
83) Chrysene	14.17	228	27966	2.260	ng		94
84) Bis(2-ethylhexyl)phthalate	14.11	149	21037	2.276	ng	#	86
85) Di-n-octyl phthalate	14.73	149	31947	2.223	ng	#	61
86) Indeno(1,2,3-cd)pyrene	17.25	276	17382	1.693	ng	#	85
88) Benzo(b)fluoranthene	15.22	252	22175	2.398	ng	#	62
89) Benzo(k)fluoranthene	15.25	252	17891	1.968	ng	#	51
90) Benzo(a)pyrene	15.62	252	19003	2.233	ng	#	55
91) Dibenzo(a,h)anthracene	17.27	278	15996	2.179	ng	#	69
92) Benzo(g,h,i)perylene	17.73	276	14717	2.034	ng	#	74

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

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