Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102518\
Data File : BF110185.D
Acq On : 26 Oct 2018 2:35
Operator : JU/SJ
Sample : J5626-02MS 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:32 PM

Quant Time: Oct 26 07:29:49 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	119815	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	451797	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	178225	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	290208	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	215635	20.00	ng		-0.01
87) Perylene-d12	15.68	264	160490	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	39284	5.34	ng		-0.02
7) Phenol-d6	6.58	99	51000	5.42	ng		-0.02
23) Nitrobenzene-d5	7.52	82	28600	3.75	ng		-0.03
42) 2,4,6-Tribromophenol	10.80	330	7192	4.07	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	56507	4.98	ng		-0.02
79) Terphenyl-d14	13.09	244	45910	4.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	3329	0.864	ng	#	68
3) Pyridine	3.70	79	1911	0.223	ng	#	71
4) n-Nitrosodimethylamine	3.56	42	3832	1.065	ng	#	74
6) Aniline	6.63	93	7135	0.582	ng	#	61
8) 2-Chlorophenol	6.75	128	13924	1.641	ng		96
9) Benzaldehyde	6.52	77	6839	0.237	ng		91
10) Phenol	6.59	94	23021	2.288	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	13756	1.662	ng		96
12) 1,3-Dichlorobenzene	6.91	146	14614	1.565	ng		94
13) 1,4-Dichlorobenzene	6.98	146	15305	1.621	ng		99
14) 1,2-Dichlorobenzene	7.13	146	14047	1.603	ng		100
15) Benzyl Alcohol	7.10	79	9980	1.379	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	21072	1.592	ng		70
17) 2-Methylphenol	7.20	107	10136	1.499	ng	#	85
18) Hexachloroethane	7.48	117	3038	0.879	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	8447	1.399	ng	#	90
20) 3+4-Methylphenols	7.36	107	13466	1.541	ng	#	74
22) Acetophenone	7.37	105	18646	1.791	ng	#	91
24) Nitrobenzene	7.55	77	12971	1.649	ng		89
25) Isophorone	7.78	82	23588	1.817	ng	#	91
26) 2-Nitrophenol	7.86	139	3047	0.814	ng		86
27) 2,4-Dimethylphenol	7.89	122	10606	1.709	ng		92
28) bis(2-Chloroethoxy)methane	7.99	93	15007	1.701	ng		95
29) 2,4-Dichlorophenol	8.11	162	9119	1.455	ng		93
30) 1,2,4-Trichlorobenzene	8.19	180	11685	1.664	ng		94
31) Naphthalene	8.27	128	39420	1.893	ng		99
32) Benzoic acid	7.89	122	10606	2.212	ng	#	9
33) 4-Chloroaniline	8.33	127	6784	0.724	ng	#	88
34) Hexachlorobutadiene	8.38	225	6713	1.722	ng		95
35) Caprolactam	8.65	113	324	0.148	ng	#	80
36) 4-Chloro-3-methylphenol	8.79	107	8504	1.255	ng		95
37) 2-Methylnaphthalene	8.96	142	24898	1.807	ng		95
38) 1-Methylnaphthalene	9.06	142	22668m	1.703	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10417	1.876	ng		99

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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)
43) 2,4,6-Trichlorophenol	9.29	196	5656	1.579	ng		85
44) 2,4,5-Trichlorophenol	9.29	196	5656	1.494	ng		88
46) 1,1'-Biphenyl	9.43	154	29781	1.848	ng		94
47) 2-Chloronaphthalene	9.46	162	21316	1.803	ng		98
48) 2-Nitroaniline	9.55	65	5471	1.527	ng		98
49) Acenaphthylene	9.87	152	31170	1.825	ng		98
50) Dimethylphthalate	9.72	163	30333	2.306	ng		100
51) 2,6-Dinitrotoluene	9.78	165	2415	0.852	ng		93
52) Acenaphthene	10.04	154	18950	1.678	ng		98
53) 3-Nitroaniline	9.96	138	3786	1.123	ng		82
55) Dibenzofuran	10.22	168	26679	1.687	ng		96
56) 4-Nitrophenol	10.12	139	5412	2.170	ng		92
57) 2,4-Dinitrotoluene	10.19	165	2447	0.680	ng	#	96
58) Fluorene	10.56	166	20996	1.784	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.33	232	4217	1.367	ng	#	95
60) Diethylphthalate	10.42	149	23012	1.792	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	10084	1.624	ng		97
62) 4-Nitroaniline	10.57	138	4015	1.198	ng		95
63) Azobenzene	10.71	77	18748	1.471	ng		93
66) n-Nitrosodiphenylamine	10.66	169	17834	1.874	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	5386	1.711	ng	#	88
68) Hexachlorobenzene	11.11	284	5298	1.586	ng	#	88
69) Atrazine	11.19	200	5449	1.811	ng		99
70) Pentachlorophenol	11.30	266	3093	1.588	ng		96
71) Phenanthrene	11.53	178	31583	2.080	ng		98
72) Anthracene	11.58	178	29908	1.965	ng		98
73) Carbazole	11.73	167	24674	1.660	ng		97
74) Di-n-butylphthalate	12.05	149	34185	2.037	ng		98
75) Fluoranthene	12.72	202	33913	2.201	ng		100
77) Benzidine	12.84	184	629	0.069	ng	#	1
78) Pyrene	12.95	202	35452	2.293	ng		97
80) Butylbenzylphthalate	13.56	149	14106	2.102	ng		97
81) Benzo(a)anthracene	14.14	228	27929	2.184	ng		95
82) 3,3'-Dichlorobenzidine	14.10	252	5199	1.168	ng	#	89
83) Chrysene	14.17	228	26219m	2.159	ng		
84) Bis(2-ethylhexyl)phthalate	14.11	149	19958	2.200	ng	#	97
85) Di-n-octyl phthalate	14.73	149	29297	2.077	ng	#	86
86) Indeno(1,2,3-cd)pyrene	17.24	276	16829	1.670	ng	#	90
88) Benzo(b)fluoranthene	15.22	252	21043	2.271	ng	#	70
89) Benzo(k)fluoranthene	15.25	252	17635	1.936	ng	#	58
90) Benzo(a)pyrene	15.61	252	17856	2.094	ng	#	59
91) Dibenzo(a,h)anthracene	17.26	278	13387	1.819	ng	#	65
92) Benzo(g,h,i)perylene	17.73	276	13681	1.887	ng	#	71

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

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