Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109613.D
Acq On : 5 Oct 2018 15:35
Operator : JU/SJ
Sample : J5223-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02MSD

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:16 PM

Quant Time: Oct 05 16:00:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97871	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	387008	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	190529	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	358682	20.00	ng		0.00
75) Chrysene-d12	13.85	240	248648	20.00	ng		0.00
86) Perylene-d12	15.24	264	259123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	633735	106.65	ng		0.02
7) Phenol-d6	6.36	99	822651	108.50	ng		0.00
23) Nitrobenzene-d5	7.27	82	549405	83.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	223852	119.18	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	965794	76.45	ng		-0.01
78) Terphenyl-d14	12.79	244	861796	85.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	75212	27.483	ng		94
3) Pyridine	3.12	79	186494	26.478	ng		89
4) n-Nitrosodimethylamine	3.05	42	95580	31.887	ng		99
6) Aniline	6.37	93	134192	13.833	ng	#	1
8) 2-Chlorophenol	6.50	128	243541	36.857	ng		96
9) Benzaldehyde	6.25	77	105025	21.562	ng		98
10) Phenol	6.37	94	299968	34.934	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	232370	34.584	ng		95
12) 1,3-Dichlorobenzene	6.65	146	254990	33.516	ng		99
13) 1,4-Dichlorobenzene	6.72	146	270228	35.256	ng		98
14) 1,2-Dichlorobenzene	6.87	146	243808	34.482	ng		99
15) Benzyl Alcohol	6.86	79	208851	35.985	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	314083	32.955	ng		66
17) 2-Methylphenol	6.97	107	193462	36.184	ng	#	89
18) Hexachloroethane	7.22	117	97462	36.092	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	178099	35.847	ng		99
20) 3+4-Methylphenols	7.13	107	255238	39.540	ng		91
22) Acetophenone	7.12	105	359580	40.188	ng		98
24) Nitrobenzene	7.29	77	263467	37.796	ng		97
25) Isophorone	7.53	82	486069	41.173	ng		97
26) 2-Nitrophenol	7.60	139	128744	46.702	ng		97
27) 2,4-Dimethylphenol	7.65	122	216534	42.095	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	310389	39.718	ng		99
29) 2,4-Dichlorophenol	7.85	162	216941	40.140	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	217836	36.071	ng		97
31) Naphthalene	8.01	128	726495	40.172	ng		99
32) Benzoic acid	7.65	122	216534	59.970	ng	#	16
33) 4-Chloroaniline	8.06	127	81529	10.320	ng		97
34) Hexachlorobutadiene	8.13	225	130370	35.809	ng		99
35) Caprolactam	8.43	113	57079m	33.080	ng		
36) 4-Chloro-3-methylphenol	8.56	107	231957	40.786	ng		99
37) 2-Methylnaphthalene	8.70	142	485835	41.673	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	225910	37.256	ng		98
40) Hexachlorocyclopentadiene	8.85	237	133051	50.307	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	145985	37.512	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	162672	39.578	ng		96
45) 1,1'-Biphenyl	9.16	154	593815	38.253	ng		97
46) 2-Chloronaphthalene	9.19	162	456157	36.782	ng		97
47) 2-Nitroaniline	9.29	65	146298	41.609	ng		98
48) Acenaphthylene	9.60	152	731012	39.073	ng		99
49) Dimethylphthalate	9.47	163	863452	62.308	ng		99
50) 2,6-Dinitrotoluene	9.53	165	119773	43.640	ng		99
51) Acenaphthene	9.77	154	405666	35.864	ng		100
52) 3-Nitroaniline	9.69	138	79413	24.985	ng		93
53) 2,4-Dinitrophenol	9.80	184	20670	27.483	ng	#	33
54) Dibenzofuran	9.94	168	619882	36.850	ng		96
55) 4-Nitrophenol	9.87	139	144524	60.360	ng		91
56) 2,4-Dinitrotoluene	9.93	165	152175	43.821	ng	#	90
57) Fluorene	10.28	166	481545	40.121	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	126636	38.913	ng	#	89
59) Diethylphthalate	10.16	149	561566	40.017	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	233694	37.278	ng		95
61) 4-Nitroaniline	10.31	138	126076	40.674	ng		95
62) Azobenzene	10.43	77	529586	36.323	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	31704	25.604	ng		100
65) n-Nitrosodiphenylamine	10.40	169	461252	38.922	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	155767	39.108	ng	#	88
67) Hexachlorobenzene	10.83	284	157915	37.330	ng	#	90
68) Atrazine	10.92	200	157118	43.109	ng		99
69) Pentachlorophenol	11.03	266	110671	43.712	ng		100
70) Phenanthrene	11.24	178	692126	38.647	ng		99
71) Anthracene	11.29	178	725199	39.924	ng		99
72) Carbazole	11.45	167	644600	35.667	ng		100
73) Di-n-butylphthalate	11.78	149	852701	40.984	ng		99
74) Fluoranthene	12.42	202	705985	36.888	ng		96
76) Benzidine	12.55	184	157413	17.559	ng		99
77) Pyrene	12.65	202	696121	39.064	ng		100
79) Butylbenzylphthalate	13.27	149	327195	43.157	ng		98
80) Benzo(a)anthracene	13.83	228	549662	36.701	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	112637	19.789	ng		98
82) Chrysene	13.87	228	571443	38.496	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	436510	45.653	ng		99
84) Di-n-octyl phthalate	14.43	149	743743	45.494	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	535076	44.470	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	569218m	39.977	ng		
88) Benzo(k)fluoranthene	14.87	252	514629	38.089	ng	#	96
89) Benzo(a)pyrene	15.19	252	516987	40.294	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	448178	42.579	ng	#	93
91) Benzo(g,h,i)perylene	17.00	276	429418	41.510	ng	#	91

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

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