Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121918.D
Acq On : 12 Oct 2020 13:05
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Oct 12 13:33:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 13:28:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	122119	20.00	ng		0.00
21) Naphthalene-d8	8.034	136	439690	20.00	ng		0.00
39) Acenaphthene-d10	9.786	164	221693	20.00	ng		0.00
64) Phenanthrene-d10	11.275	188	396221	20.00	ng		0.00
76) Chrysene-d12	13.921	240	303852	20.00	ng		0.00
86) Perylene-d12	15.357	264	261783	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	802665	97.68	ng		0.00
7) Phenol-d6	6.398	99	1024736	95.05	ng		0.00
23) Nitrobenzene-d5	7.322	82	861407	105.19	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	278780	101.18	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1407642	96.17	ng		0.00
79) Terphenyl-d14	12.863	244	1551434	103.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	181933	48.19	ng		99
3) Pyridine	3.157	79	508702	48.74	ng		99
4) n-Nitrosodimethylamine	3.128	42	239561	49.49	ng		99
6) Aniline	6.416	93	628800	44.78	ng	#	47
8) 2-Chlorophenol	6.540	128	406064	48.54	ng		96
9) Benzaldehyde	6.298	77	270504	38.38	ng		99
10) Phenol	6.410	94	520688	45.36	ng		85
11) bis(2-Chloroethyl)ether	6.492	93	416902	48.18	ng		98
12) 1,3-Dichlorobenzene	6.687	146	455175	48.74	ng		99
13) 1,4-Dichlorobenzene	6.769	146	458996	48.95	ng		97
14) 1,2-Dichlorobenzene	6.922	146	408990	47.35	ng		99
15) Benzyl Alcohol	6.904	79	334452	45.64	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	628525	45.14	ng		83
17) 2-Methylphenol	7.016	107	347546	48.82	ng		96
18) Hexachloroethane	7.257	117	167840	49.99	ng		100
19) n-Nitroso-di-n-propyla...	7.175	70	284839	45.84	ng		98
20) 3+4-Methylphenols	7.175	107	396910	46.41	ng	#	80
22) Acetophenone	7.169	105	546850	49.02	ng		97
24) Nitrobenzene	7.340	77	456017	51.49	ng		100
25) Isophorone	7.581	82	811399	49.22	ng		99
26) 2-Nitrophenol	7.657	139	218076	57.51	ng		99
27) 2,4-Dimethylphenol	7.698	122	357283	48.55	ng		98
28) bis(2-Chloroethoxy)met...	7.787	93	504917	49.48	ng		99
29) 2,4-Dichlorophenol	7.904	162	337096	50.30	ng		96
30) 1,2,4-Trichlorobenzene	7.975	180	355536	50.37	ng		99
31) Naphthalene	8.057	128	1156989	49.85	ng		99
32) Benzoic acid	7.863	122	200907	41.37	ng		98
33) 4-Chloroaniline	8.110	127	495425	49.24	ng		99
34) Hexachlorobutadiene	8.175	225	215182	51.94	ng		99
35) Caprolactam	8.504	113	106922	47.91	ng		97
36) 4-Chloro-3-methylphenol	8.604	107	360981	50.00	ng		99
37) 2-Methylnaphthalene	8.751	142	736987	48.45	ng		99
38) 1-Methylnaphthalene	8.845	142	687477	48.56	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	355457	51.33	ng		99
41) Hexachlorocyclopentadiene	8.898	237	89228	22.56	ng		99
43) 2,4,6-Trichlorophenol	9.034	196	221791	46.99	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	242491	48.60	ng		97
46) 1,1'-Biphenyl	9.216	154	876641	49.39	ng		99
47) 2-Chloronaphthalene	9.239	162	683395	48.86	ng		99
48) 2-Nitroaniline	9.339	65	237941	54.75	ng		98
49) Acenaphthylene	9.651	152	1043930	48.58	ng		100
50) Dimethylphthalate	9.516	163	800313	49.81	ng		100
51) 2,6-Dinitrotoluene	9.586	165	179467	52.45	ng		87
52) Acenaphthene	9.822	154	617080	45.46	ng		100
53) 3-Nitroaniline	9.757	138	203427	51.32	ng		96
54) 2,4-Dinitrophenol	9.869	184	81528	52.88	ng	#	88
55) Dibenzofuran	9.998	168	885835	46.35	ng		99
56) 4-Nitrophenol	9.928	139	116232	36.77	ng		85
57) 2,4-Dinitrotoluene	9.992	165	215503	50.06	ng	#	89
58) Fluorene	10.339	166	707275	48.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	191655	47.24	ng		99
60) Diethylphthalate	10.216	149	758772	48.43	ng		100
61) 4-Chlorophenyl-phenyle...	10.328	204	348263	49.74	ng		97
62) 4-Nitroaniline	10.369	138	203782	51.77	ng		96
63) Azobenzene	10.492	77	803515	48.16	ng		97
65) 4,6-Dinitro-2-methylph...	10.404	198	132906	61.52	ng		95
66) n-Nitrosodiphenylamine	10.451	169	676068	49.73	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	229351	50.84	ng		95
68) Hexachlorobenzene	10.886	284	260754	51.22	ng		98
69) Atrazine	10.980	200	165993	49.15	ng		100
70) Pentachlorophenol	11.086	266	90596	32.40	ng		98
71) Phenanthrene	11.298	178	1051851	48.72	ng		99
72) Anthracene	11.351	178	1109104	49.79	ng		99
73) Carbazole	11.510	167	986350	49.06	ng		99
74) Di-n-butylphthalate	11.833	149	1129802	48.69	ng		99
75) Fluoranthene	12.486	202	1144069	49.65	ng		99
77) Benzidine	12.610	184	428142	42.50	ng		99
78) Pyrene	12.722	202	1149847	51.79	ng		99
80) Butylbenzylphthalate	13.333	149	468513	52.18	ng		100
81) Benzo(a)anthracene	13.910	228	988486	51.42	ng		99
82) 3,3'-Dichlorobenzidine	13.868	252	368814	49.14	ng	#	99
83) Chrysene	13.945	228	963192	49.48	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	622863	51.93	ng		99
85) Di-n-octyl phthalate	14.504	149	1019250	48.15	ng		99
87) Indeno(1,2,3-cd)pyrene	16.780	276	831472	48.77	ng		99
88) Benzo(b)fluoranthene	14.945	252	889042	50.80	ng		99
89) Benzo(k)fluoranthene	14.974	252	850792	53.09	ng		99
90) Benzo(a)pyrene	15.298	252	768040	51.63	ng		98
91) Dibenzo(a,h)anthracene	16.786	278	684428	48.23	ng		100
92) Benzo(g,h,i)perylene	17.204	276	693610	49.72	ng		98

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

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