Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122045.D
Acq On : 21 Oct 2020 9:47
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/22/2020 12:58:52 PM

Quant Time: Oct 21 11:19:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 11:18:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	131730	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	499011	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	264869	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	492724	20.00	ng		0.00
76) Chrysene-d12	13.886	240	374360	20.00	ng		0.00
86) Perylene-d12	15.316	264	312910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	683145	76.54	ng		0.00
7) Phenol-d6	6.381	99	863714	75.17	ng		0.00
23) Nitrobenzene-d5	7.304	82	764684	78.59	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	273761	83.55	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1356458	75.35	ng		0.00
79) Terphenyl-d14	12.833	244	1561948	79.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.405	88	146518	37.32	ng		99
3) Pyridine	3.122	79	397353	38.50	ng		98
4) n-Nitrosodimethylamine	3.093	42	194601	39.01	ng		99
6) Aniline	6.398	93	529551	37.43	ng	#	49
8) 2-Chlorophenol	6.522	128	351765	38.99	ng		96
9) Benzaldehyde	6.281	77	249168	39.09	ng		100
10) Phenol	6.398	94	444245	37.47	ng	#	75
11) bis(2-Chloroethyl)ether	6.469	93	362000	39.49	ng		99
12) 1,3-Dichlorobenzene	6.669	146	393013	38.73	ng		98
13) 1,4-Dichlorobenzene	6.745	146	394518	38.72	ng		99
14) 1,2-Dichlorobenzene	6.898	146	357288	38.36	ng		98
15) Benzyl Alcohol	6.887	79	301133	40.52	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.010	45	554446	39.31	ng		75
17) 2-Methylphenol	6.998	107	292601	37.94	ng	#	90
18) Hexachloroethane	7.234	117	148167	40.26	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	265556	40.59	ng		98
20) 3+4-Methylphenols	7.157	107	359259	38.63	ng	#	73
22) Acetophenone	7.145	105	497554	38.75	ng		92
24) Nitrobenzene	7.322	77	405686	39.01	ng		99
25) Isophorone	7.563	82	750137	40.77	ng		99
26) 2-Nitrophenol	7.634	139	195203	40.76	ng		91
27) 2,4-Dimethylphenol	7.681	122	314171	38.48	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	467002	40.57	ng		99
29) 2,4-Dichlorophenol	7.881	162	300875	39.35	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	317300	39.03	ng		99
31) Naphthalene	8.034	128	1034717	38.71	ng		99
32) Benzoic acid	7.845	122	187708	41.47	ng		98
33) 4-Chloroaniline	8.092	127	430839	37.84	ng		99
34) Hexachlorobutadiene	8.145	225	199088	41.30	ng		98
35) Caprolactam	8.481	113	99908m	41.15	ng		
36) 4-Chloro-3-methylphenol	8.581	107	334848	40.78	ng		96
37) 2-Methylnaphthalene	8.722	142	676648	39.08	ng		98
38) 1-Methylnaphthalene	8.822	142	626353	39.07	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	329634	38.56	ng		100
41) Hexachlorocyclopentadiene	8.875	237	61155	37.07	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	215978	40.95	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	225496	39.59	ng		99
46) 1,1'-Biphenyl	9.186	154	832744	38.67	ng		99
47) 2-Chloronaphthalene	9.216	162	639606	38.19	ng		99
48) 2-Nitroaniline	9.322	65	219058	39.65	ng		95
49) Acenaphthylene	9.628	152	961508	37.38	ng		100
50) Dimethylphthalate	9.492	163	775456	40.04	ng		100
51) 2,6-Dinitrotoluene	9.563	165	168742	39.72	ng		96
52) Acenaphthene	9.798	154	583780	38.15	ng		99
53) 3-Nitroaniline	9.733	138	186508	38.60	ng		98
54) 2,4-Dinitrophenol	9.851	184	75777	39.84	ng	#	87
55) Dibenzofuran	9.969	168	844643	37.75	ng		99
56) 4-Nitrophenol	9.916	139	93123	35.43	ng		88
57) 2,4-Dinitrotoluene	9.975	165	206824	39.54	ng		97
58) Fluorene	10.316	166	695263	38.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	185325	42.05	ng		99
60) Diethylphthalate	10.186	149	780358	41.78	ng		98
61) 4-Chlorophenyl-phenyle...	10.304	204	346246	40.05	ng		99
62) 4-Nitroaniline	10.351	138	169137	35.04	ng		92
63) Azobenzene	10.463	77	792428	40.12	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	126654	39.25	ng		99
66) n-Nitrosodiphenylamine	10.428	169	653854	38.52	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	228869	40.21	ng		98
68) Hexachlorobenzene	10.863	284	257491	39.96	ng		96
69) Atrazine	10.957	200	173230	41.74	ng		99
70) Pentachlorophenol	11.063	266	92201	40.72	ng		97
71) Phenanthrene	11.275	178	1021085	37.79	ng		99
72) Anthracene	11.328	178	1058476	37.77	ng		99
73) Carbazole	11.486	167	940669	37.76	ng		99
74) Di-n-butylphthalate	11.810	149	1213721	42.34	ng		99
75) Fluoranthene	12.463	202	1096704	37.86	ng		97
77) Benzidine	12.586	184	397260	34.42	ng		99
78) Pyrene	12.686	202	1103215	38.67	ng		99
80) Butylbenzylphthalate	13.304	149	501952	44.37	ng		94
81) Benzo(a)anthracene	13.880	228	961560	39.20	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	363025	39.89	ng		98
83) Chrysene	13.916	228	939317	39.00	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	723966	47.14	ng		100
85) Di-n-octyl phthalate	14.469	149	1190416	47.91	ng		99
87) Indeno(1,2,3-cd)pyrene	16.727	276	819349	40.33	ng		99
88) Benzo(b)fluoranthene	14.910	252	905597	42.81	ng		98
89) Benzo(k)fluoranthene	14.933	252	820246	40.82	ng		99
90) Benzo(a)pyrene	15.257	252	760395	41.62	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	685959	41.01	ng		99
92) Benzo(g,h,i)perylene	17.139	276	672506	40.17	ng		98

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

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