Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121920.D
Acq On : 12 Oct 2020 14:07
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
10/13/2020 11:08:11 AM

Quant Time: Oct 12 15:10:54 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	6.751	152	119850	20.00	ng		0.00
21) Naphthalene-d8	8.039	136	412718	20.00	ng		0.00
39) Acenaphthene-d10	9.792	164	209471	20.00	ng		0.00
64) Phenanthrene-d10	11.274	188	377750	20.00	ng		0.00
76) Chrysene-d12	13.921	240	260616	20.00	ng		0.00
86) Perylene-d12	15.357	264	222790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1174621	145.65	ng		0.00
7) Phenol-d6	6.410	99	1496602	141.45	ng		0.01
23) Nitrobenzene-d5	7.328	82	1309606	170.37	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	441575	169.61	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	2038602	147.40	ng		0.00
79) Terphenyl-d14	12.868	244	2239678	174.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	289985	78.27	ng		98
3) Pyridine	3.157	79	815257	79.60	ng		99
4) n-Nitrosodimethylamine	3.140	42	377164	79.39	ng		99
6) Aniline	6.428	93	931309	67.59	ng	#	72
8) 2-Chlorophenol	6.545	128	596013	72.59	ng		97
9) Benzaldehyde	6.304	77	309670	44.77	ng		97
10) Phenol	6.422	94	759173	67.38	ng		93
11) bis(2-Chloroethyl)ether	6.498	93	628718	74.04	ng		98
12) 1,3-Dichlorobenzene	6.692	146	689704	75.26	ng		98
13) 1,4-Dichlorobenzene	6.769	146	684777	74.41	ng		98
14) 1,2-Dichlorobenzene	6.928	146	585628	69.08	ng		99
15) Benzyl Alcohol	6.910	79	484858	67.42	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	909268	66.54	ng		81
17) 2-Methylphenol	7.022	107	522668	74.81	ng	#	91
18) Hexachloroethane	7.263	117	254206	77.15	ng		92
19) n-Nitroso-di-n-propyla...	7.186	70	436846	71.64	ng		98
20) 3+4-Methylphenols	7.181	107	568886	67.77	ng	#	88
22) Acetophenone	7.175	105	822631	78.56	ng	#	97
24) Nitrobenzene	7.345	77	697094	83.85	ng		99
25) Isophorone	7.592	82	1274601	82.37	ng		99
26) 2-Nitrophenol	7.657	139	336669	94.59	ng		92
27) 2,4-Dimethylphenol	7.704	122	541756	78.43	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	762494	79.60	ng		100
29) 2,4-Dichlorophenol	7.904	162	507170	80.62	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	535445	80.81	ng		99
31) Naphthalene	8.063	128	1683802	77.29	ng		99
32) Benzoic acid	7.886	122	348313	76.41	ng		98
33) 4-Chloroaniline	8.116	127	733080	77.62	ng		99
34) Hexachlorobutadiene	8.175	225	323671	83.23	ng		99
35) Caprolactam	8.522	113	176834m	84.41	ng		
36) 4-Chloro-3-methylphenol	8.616	107	554077	81.76	ng		98
37) 2-Methylnaphthalene	8.751	142	1088435	76.23	ng		98
38) 1-Methylnaphthalene	8.851	142	999915	75.25	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	532444	81.37	ng		100
41) Hexachlorocyclopentadiene	8.898	237	177206	47.42	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	345487	77.46	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	370841	78.65	ng		99
46) 1,1'-Biphenyl	9.216	154	1274879	76.02	ng		100
47) 2-Chloronaphthalene	9.245	162	1009007	76.35	ng		99
48) 2-Nitroaniline	9.345	65	366100	89.15	ng		99
49) Acenaphthylene	9.657	152	1507626	74.25	ng		99
50) Dimethylphthalate	9.528	163	1230510	81.05	ng		100
51) 2,6-Dinitrotoluene	9.592	165	268285	82.98	ng		96
52) Acenaphthene	9.828	154	911866	71.10	ng		99
53) 3-Nitroaniline	9.763	138	314221	83.89	ng		99
54) 2,4-Dinitrophenol	9.875	184	143730	98.66	ng	#	89
55) Dibenzofuran	9.998	168	1273642	70.52	ng		97
56) 4-Nitrophenol	9.939	139	184083	61.63	ng		92
57) 2,4-Dinitrotoluene	9.998	165	319183	78.47	ng	#	81
58) Fluorene	10.345	166	1033306	74.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	302553	78.93	ng		96
60) Diethylphthalate	10.222	149	1130400	76.37	ng		100
61) 4-Chlorophenyl-phenyle...	10.333	204	512815	77.51	ng		99
62) 4-Nitroaniline	10.386	138	311300	83.71	ng		99
63) Azobenzene	10.498	77	1196598	75.91	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	218211	105.94	ng		94
66) n-Nitrosodiphenylamine	10.457	169	1005231	77.57	ng		98
67) 4-Bromophenyl-phenylether	10.822	248	354420	82.41	ng		98
68) Hexachlorobenzene	10.892	284	402478	82.92	ng		96
69) Atrazine	10.986	200	261425	81.19	ng		99
70) Pentachlorophenol	11.092	266	161646	60.64	ng		97
71) Phenanthrene	11.304	178	1550919	75.36	ng		99
72) Anthracene	11.357	178	1608601	75.74	ng		100
73) Carbazole	11.516	167	1432620	74.75	ng		99
74) Di-n-butylphthalate	11.839	149	1650191	74.60	ng		100
75) Fluoranthene	12.492	202	1671082	76.06	ng		98
78) Pyrene	12.721	202	1689513	88.73	ng		99
80) Butylbenzylphthalate	13.333	149	682802	88.66	ng		96
81) Benzo(a)anthracene	13.910	228	1391401	84.39	ng		99
82) 3,3'-Dichlorobenzidine	13.874	252	489038	75.97	ng		99
83) Chrysene	13.951	228	1355344	81.18	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	882878	85.82	ng		100
85) Di-n-octyl phthalate	14.510	149	1393714	76.76	ng		100
87) Indeno(1,2,3-cd)pyrene	16.786	276	1248421	86.05	ng		99
88) Benzo(b)fluoranthene	14.951	252	1254426	84.22	ng		99
89) Benzo(k)fluoranthene	14.980	252	1107215	81.18	ng		100
90) Benzo(a)pyrene	15.304	252	1060538	83.77	ng		99
91) Dibenzo(a,h)anthracene	16.798	278	1011541	83.75	ng		99
92) Benzo(g,h,i)perylene	17.215	276	1061006	89.37	ng		99

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

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