Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122421.D
Acq On : 21 Nov 2020 15:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/24/2020 9:02:17 AM

Quant Time: Nov 23 00:58:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	237774	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	858688	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	452169	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	816779	20.00	ng		0.00
76) Chrysene-d12	14.045	240	624215	20.00	ng		0.00
86) Perylene-d12	15.521	264	560779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1193039	77.04	ng		0.00
7) Phenol-d6	6.504	99	1539684	76.01	ng		0.00
23) Nitrobenzene-d5	7.434	82	1236913	88.19	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	451716	93.08	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2198559	75.97	ng		0.00
79) Terphenyl-d14	12.992	244	2509572	85.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	265999	37.46	ng		89
3) Pyridine	3.387	79	722355	36.98	ng		88
4) n-Nitrosodimethylamine	3.340	42	298291	32.40	ng		87
6) Aniline	6.528	93	967912	36.42	ng		98
8) 2-Chlorophenol	6.651	128	631383	39.32	ng		93
9) Benzaldehyde	6.416	77	409172	37.37	ng		92
10) Phenol	6.516	94	797959	40.00	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	595163	37.54	ng		92
12) 1,3-Dichlorobenzene	6.810	146	698444m	38.31	ng		
13) 1,4-Dichlorobenzene	6.887	146	709165	38.72	ng		97
14) 1,2-Dichlorobenzene	7.039	146	653790	38.25	ng		98
15) Benzyl Alcohol	7.010	79	548356	38.07	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	787901	34.09	ng		96
17) 2-Methylphenol	7.122	107	514964	38.42	ng		99
18) Hexachloroethane	7.381	117	246731	38.69	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	420122	34.70	ng	#	88
20) 3+4-Methylphenols	7.275	107	607475	36.83	ng		95
22) Acetophenone	7.275	105	814752	36.43	ng	#	95
24) Nitrobenzene	7.451	77	658903	41.06	ng		94
25) Isophorone	7.692	82	1144756	36.61	ng		96
26) 2-Nitrophenol	7.769	139	328114	47.22	ng		96
27) 2,4-Dimethylphenol	7.810	122	547392	37.11	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	724745	37.89	ng		99
29) 2,4-Dichlorophenol	8.010	162	538928	41.27	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	573751	39.81	ng		97
31) Naphthalene	8.175	128	1776905	38.92	ng		99
32) Benzoic acid	7.928	122	422048	51.08	ng		100
33) 4-Chloroaniline	8.222	127	764127	38.43	ng		98
34) Hexachlorobutadiene	8.292	225	334915	40.43	ng		99
35) Caprolactam	8.598	113	170145	41.11	ng	#	78
36) 4-Chloro-3-methylphenol	8.704	107	546113	40.10	ng		97
37) 2-Methylnaphthalene	8.869	142	1166567	38.68	ng		99
38) 1-Methylnaphthalene	8.969	142	1090722	38.63	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	559182	40.13	ng		100
41) Hexachlorocyclopentadiene	9.022	237	336202	41.27	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	385685	42.62	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	406825	42.89	ng		98
46) 1,1'-Biphenyl	9.333	154	1396782	38.81	ng		99
47) 2-Chloronaphthalene	9.357	162	1115865	39.06	ng		98
48) 2-Nitroaniline	9.451	65	335391	40.34	ng		92
49) Acenaphthylene	9.775	152	1731253	39.43	ng		99
50) Dimethylphthalate	9.633	163	1265828	39.38	ng		99
51) 2,6-Dinitrotoluene	9.692	165	295260	41.81	ng		89
52) Acenaphthene	9.945	154	1090624	40.13	ng		99
53) 3-Nitroaniline	9.863	138	317723	39.67	ng		95
54) 2,4-Dinitrophenol	9.963	184	127863	54.93	ng		90
55) Dibenzofuran	10.116	168	1559260	39.16	ng		99
56) 4-Nitrophenol	10.022	139	264149	40.54	ng		93
57) 2,4-Dinitrotoluene	10.098	165	395451	44.28	ng	#	81
58) Fluorene	10.463	166	1165781	38.24	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	348992	44.24	ng		97
60) Diethylphthalate	10.333	149	1205679	38.24	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	570259	39.62	ng		96
62) 4-Nitroaniline	10.480	138	319650	40.66	ng		98
63) Azobenzene	10.616	77	1172777	35.46	ng		92
65) 4,6-Dinitro-2-methylph...	10.504	198	188209	51.85	ng		93
66) n-Nitrosodiphenylamine	10.575	169	1074043	38.59	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	390194	40.65	ng		96
68) Hexachlorobenzene	11.010	284	423931	40.88	ng		97
69) Atrazine	11.098	200	278571	40.19	ng		99
70) Pentachlorophenol	11.204	266	262926	44.01	ng		99
71) Phenanthrene	11.427	178	1781623	38.45	ng		100
72) Anthracene	11.474	178	1846893	38.67	ng		100
73) Carbazole	11.633	167	1648299	37.94	ng		100
74) Di-n-butylphthalate	11.963	149	1770794	38.23	ng		100
75) Fluoranthene	12.616	202	1843463	38.10	ng		98
77) Benzidine	12.733	184	485521	28.04	ng		99
78) Pyrene	12.845	202	1877482	42.81	ng		99
80) Butylbenzylphthalate	13.463	149	707524	40.76	ng		99
81) Benzo(a)anthracene	14.033	228	1536323	39.57	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	598644	41.38	ng		100
83) Chrysene	14.074	228	1554001	39.74	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	875768	41.42	ng		97
85) Di-n-octyl phthalate	14.645	149	1473030	41.10	ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1385937	41.19	ng		99
88) Benzo(b)fluoranthene	15.092	252	1430311	39.38	ng		99
89) Benzo(k)fluoranthene	15.121	252	1432872	40.46	ng		98
90) Benzo(a)pyrene	15.462	252	1279065	40.40	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1149210	40.78	ng		99
92) Benzo(g,h,i)perylene	17.445	276	1165529	42.52	ng		99

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

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