Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120922.D
Acq On : 17 Jul 2020 14:57
Operator : JU/CG
Sample : L3335-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-SMSD

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:49 AM

Quant Time: Jul 17 15:21:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	220313	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	855135	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	432154	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	788726	20.00	ng		0.00
76) Chrysene-d12	13.98	240	473046	20.00	ng		0.00
86) Perylene-d12	15.42	264	495040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	882438	65.66	ng		0.02
7) Phenol-d6	6.45	99	1092895	62.96	ng		0.00
23) Nitrobenzene-d5	7.38	82	674251	45.62	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	311376	65.83	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1273606	44.00	ng		0.00
79) Terphenyl-d14	12.92	244	1178784	54.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	237500	38.399	ng		100
3) Pyridine	3.36	79	663515	40.327	ng		98
4) n-Nitrosodimethylamine	3.32	42	302068	42.934	ng		96
6) Aniline	6.48	93	743670	32.818	ng		99
8) 2-Chlorophenol	6.60	128	646839	43.691	ng		97
9) Benzaldehyde	6.36	77	176559	17.642	ng		98
10) Phenol	6.47	94	795840	41.675	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	611234	41.765	ng		99
12) 1,3-Dichlorobenzene	6.76	146	649135	40.435	ng		99
13) 1,4-Dichlorobenzene	6.83	146	652011	40.845	ng		99
14) 1,2-Dichlorobenzene	6.99	146	628962	41.648	ng		99
15) Benzyl Alcohol	6.96	79	504015	41.055	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	850178	40.303	ng		99
17) 2-Methylphenol	7.07	107	507647	38.687	ng		99
18) Hexachloroethane	7.33	117	235398	40.742	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	391637	39.674	ng		99
20) 3+4-Methylphenols	7.23	107	545522	32.681	ng		93
22) Acetophenone	7.23	105	741451	38.634	ng	#	91
24) Nitrobenzene	7.40	77	643505	40.400	ng		97
25) Isophorone	7.65	82	1184902	40.173	ng		99
26) 2-Nitrophenol	7.72	139	344867	45.588	ng		96
27) 2,4-Dimethylphenol	7.76	122	537939	43.797	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	755014	41.935	ng		99
29) 2,4-Dichlorophenol	7.96	162	518778	41.334	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	563210	40.447	ng		98
31) Naphthalene	8.13	128	1710363	38.992	ng		100
32) Benzoic acid	7.90	122	452628	49.092	ng		97
33) 4-Chloroaniline	8.17	127	504679	25.792	ng		97
34) Hexachlorobutadiene	8.25	225	322858	39.331	ng		98
35) Caprolactam	8.55	113	166070m	41.261	ng		
36) 4-Chloro-3-methylphenol	8.66	107	533666	41.459	ng		100
37) 2-Methylnaphthalene	8.82	142	1138714	39.981	ng		99
38) 1-Methylnaphthalene	8.92	142	1087755	40.325	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	508248	40.366	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	404872	58.181	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	381588	43.043	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	402059	39.981	ng		98
46) 1,1'-Biphenyl	9.28	154	1318391	39.994	ng		99
47) 2-Chloronaphthalene	9.30	162	1060830	39.471	ng		99
48) 2-Nitroaniline	9.40	65	337771	41.586	ng		97
49) Acenaphthylene	9.72	152	1641156	39.306	ng		100
50) Dimethylphthalate	9.59	163	1448427	46.458	ng		98
51) 2,6-Dinitrotoluene	9.65	165	285303	42.594	ng		92
52) Acenaphthene	9.89	154	1112612m	41.914	ng		
53) 3-Nitroaniline	9.81	138	231118	27.512	ng		98
54) 2,4-Dinitrophenol	9.92	184	234404	62.438	ng		90
55) Dibenzofuran	10.06	168	1470145	38.298	ng		100
56) 4-Nitrophenol	9.98	139	509484	79.839	ng		97
57) 2,4-Dinitrotoluene	10.05	165	382841	43.524	ng	#	90
58) Fluorene	10.41	166	1040148	36.331	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	336418	43.938	ng		96
60) Diethylphthalate	10.28	149	1271512	40.321	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	511009	33.464	ng		99
62) 4-Nitroaniline	10.43	138	281065	34.347	ng		96
63) Azobenzene	10.56	77	1186902	39.535	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	164427	36.979	ng		91
66) n-Nitrosodiphenylamine	10.52	169	1045419	42.134	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	360047	40.944	ng		96
68) Hexachlorobenzene	10.95	284	396461	41.678	ng		96
69) Atrazine	11.05	200	302299	49.196	ng		98
70) Pentachlorophenol	11.15	266	445422	81.736	ng		99
71) Phenanthrene	11.37	178	1577186	38.881	ng		100
72) Anthracene	11.42	178	1609761	39.520	ng		99
73) Carbazole	11.57	167	1530474	37.861	ng		99
74) Di-n-butylphthalate	11.90	149	1920471	41.169	ng		99
75) Fluoranthene	12.55	202	1627481	36.196	ng		99
77) Benzidine	12.67	184	1083052	87.081	ng		99
78) Pyrene	12.78	202	1614851	48.284	ng		100
80) Butylbenzylphthalate	13.40	149	773208	51.861	ng		95
81) Benzo(a)anthracene	13.97	228	1103234	38.514	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	478552	44.281	ng		99
83) Chrysene	14.00	228	1234531	41.010	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	938786	51.064	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1705182	46.620	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1504629	43.703	ng		100
88) Benzo(b)fluoranthene	15.01	252	1279436	42.757	ng		99
89) Benzo(k)fluoranthene	15.04	252	1152498	42.232	ng		99
90) Benzo(a)pyrene	15.37	252	1132718	41.490	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1238664	44.045	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1229922	44.355	ng		99

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

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