Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120840.D
Acq On : 10 Jul 2020 19:35
Operator : JU/CG
Sample : L3257-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:53 PM

Quant Time: Jul 11 06:39:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204614	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	766079	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	386359	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	704591	20.00	ng	0.00
76) Chrysene-d12	14.02	240	484352	20.00	ng	0.00
86) Perylene-d12	15.47	264	395148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1202497	90.72	ng	0.01
7) Phenol-d6	6.48	99	1561913	92.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1013163	76.62	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	407422	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1768961	69.27	ng	0.00
79) Terphenyl-d14	12.96	244	1889091	76.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	250874	41.433	ng	97
3) Pyridine	3.42	79	691057	41.667	ng	99
4) n-Nitrosodimethylamine	3.38	42	341038	41.104	ng	86
6) Aniline	6.51	93	784515	36.087	ng	97
8) 2-Chlorophenol	6.63	128	650461	46.092	ng	95
9) Benzaldehyde	6.39	77	206604	20.522	ng	99
10) Phenol	6.49	94	755620m	43.393	ng	
11) bis(2-Chloroethyl)ether	6.59	93	609770	43.033	ng	96
12) 1,3-Dichlorobenzene	6.79	146	649225	41.795	ng	98
13) 1,4-Dichlorobenzene	6.86	146	657271	42.246	ng	99
14) 1,2-Dichlorobenzene	7.02	146	612213	41.360	ng	98
15) Benzyl Alcohol	6.99	79	506448	39.820	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	871082	39.412	ng	100
17) 2-Methylphenol	7.10	107	514862	40.782	ng	98
18) Hexachloroethane	7.36	117	249536	42.673	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	409976	40.225	ng	92
20) 3+4-Methylphenols	7.25	107	571569	36.759	ng	91
22) Acetophenone	7.26	105	770728	40.475	ng	99
24) Nitrobenzene	7.43	77	654948	44.116	ng	92
25) Isophorone	7.67	82	1190206	41.739	ng	98
26) 2-Nitrophenol	7.75	139	314131	50.138	ng	92
27) 2,4-Dimethylphenol	7.79	122	530395	46.595	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	752304	44.577	ng	99
29) 2,4-Dichlorophenol	7.99	162	507267	44.639	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	560347	43.902	ng	99
31) Naphthalene	8.16	128	1740423	42.510	ng	100
32) Benzoic acid	7.89	122	213002	28.359	ng	97
33) 4-Chloroaniline	8.20	127	467684	26.920	ng	98
34) Hexachlorobutadiene	8.27	225	316993	41.295	ng	100
35) Caprolactam	8.57	113	152514m	46.060	ng	
36) 4-Chloro-3-methylphenol	8.68	107	525765	44.478	ng	95
37) 2-Methylnaphthalene	8.85	142	1157456	43.490	ng	98
38) 1-Methylnaphthalene	8.95	142	1095846	43.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	492661	42.192	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	436497	63.269	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	363361	45.668	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	370221	41.927	ng		98
46) 1,1'-Biphenyl	9.31	154	1316884	42.255	ng		99
47) 2-Chloronaphthalene	9.33	162	1056499	42.316	ng		99
48) 2-Nitroaniline	9.43	65	341532	45.811	ng		96
49) Acenaphthylene	9.75	152	1658890	42.380	ng		99
50) Dimethylphthalate	9.62	163	1282591	45.508	ng		99
51) 2,6-Dinitrotoluene	9.67	165	273081	48.717	ng	#	79
52) Acenaphthene	9.92	154	1029907	42.412	ng		99
53) 3-Nitroaniline	9.84	138	238006	35.246	ng		93
54) 2,4-Dinitrophenol	9.94	184	88365	44.853	ng		95
55) Dibenzofuran	10.09	168	1486799	42.475	ng		98
56) 4-Nitrophenol	10.00	139	430498	83.203	ng		91
57) 2,4-Dinitrotoluene	10.07	165	358096	51.111	ng	#	83
58) Fluorene	10.44	166	1036533	39.784	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	300624	45.750	ng		95
60) Diethylphthalate	10.32	149	1228838	41.855	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	493992	37.716	ng		99
62) 4-Nitroaniline	10.46	138	284590	47.525	ng		88
63) Azobenzene	10.59	77	1181568	39.342	ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	87546	32.241	ng	#	76
66) n-Nitrosodiphenylamine	10.55	169	1006547	42.621	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	343805	42.065	ng		97
68) Hexachlorobenzene	10.99	284	382144	44.556	ng	#	86
69) Atrazine	11.07	200	281492	46.267	ng		99
70) Pentachlorophenol	11.17	266	366728	75.576	ng		99
71) Phenanthrene	11.40	178	1735035	45.384	ng		99
72) Anthracene	11.45	178	1644889	42.579	ng		99
73) Carbazole	11.60	167	1523982	41.051	ng		99
74) Di-n-butylphthalate	11.94	149	1869108	40.666	ng		99
75) Fluoranthene	12.59	202	2034251	49.950	ng		99
77) Benzidine	12.70	184	660057	48.281	ng		100
78) Pyrene	12.82	202	2022992	52.297	ng		100
80) Butylbenzylphthalate	13.44	149	807725	48.364	ng		93
81) Benzo(a)anthracene	14.00	228	1399646	45.080	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	387206	36.956	ng		99
83) Chrysene	14.04	228	1505054	47.524	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	895875	40.907	ng	#	98
85) Di-n-octyl phthalate	14.61	149	1852800	47.821	ng		97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1322177	52.167	ng		100
88) Benzo(b)fluoranthene	15.05	252	1409208	54.246	ng		99
89) Benzo(k)fluoranthene	15.08	252	1223476	48.401	ng		99
90) Benzo(a)pyrene	15.42	252	1159530	50.036	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1075352	50.905	ng		100
92) Benzo(g,h,i)perylene	17.37	276	1103839	57.175	ng		99

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

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