Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120933.D
Acq On : 20 Jul 2020 15:08
Operator : JU/CG
Sample : L3344-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-SMS

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:36 AM

Quant Time: Jul 20 16:08:07 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	188120	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	734149	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	393656	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	758415	20.00	ng		0.00
76) Chrysene-d12	13.98	240	593791	20.00	ng		0.00
86) Perylene-d12	15.43	264	615141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	614646	53.56	ng		0.01
7) Phenol-d6	6.45	99	765864	51.67	ng		0.00
23) Nitrobenzene-d5	7.38	82	472555	37.25	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	242749	56.34	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	955716	36.25	ng		0.00
79) Terphenyl-d14	12.92	244	1055031	38.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	223088	42.241	ng		99
3) Pyridine	3.36	79	592954	42.206	ng		100
4) n-Nitrosodimethylamine	3.32	42	264539	44.034	ng		94
6) Aniline	6.47	93	577613	29.852	ng		99
8) 2-Chlorophenol	6.60	128	583859	46.186	ng		100
9) Benzaldehyde	6.36	77	148462	17.311	ng		99
10) Phenol	6.46	94	719308	44.114	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	537949	43.048	ng		98
12) 1,3-Dichlorobenzene	6.76	146	580511	42.349	ng		99
13) 1,4-Dichlorobenzene	6.83	146	582656	42.746	ng		99
14) 1,2-Dichlorobenzene	6.99	146	564733	43.795	ng		100
15) Benzyl Alcohol	6.96	79	457947	43.686	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	763522	42.390	ng		100
17) 2-Methylphenol	7.07	107	459829	41.040	ng		99
18) Hexachloroethane	7.33	117	221050	44.806	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	351824	41.740	ng		99
20) 3+4-Methylphenols	7.22	107	512055	35.926	ng		91
22) Acetophenone	7.23	105	677378	41.112	ng	#	94
24) Nitrobenzene	7.40	77	582284	42.581	ng		100
25) Isophorone	7.64	82	1081188	42.698	ng		99
26) 2-Nitrophenol	7.72	139	310556	47.817	ng		99
27) 2,4-Dimethylphenol	7.76	122	487804	46.261	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	689218	44.590	ng		100
29) 2,4-Dichlorophenol	7.96	162	483168	44.841	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	513182	42.927	ng		99
31) Naphthalene	8.12	128	1590436	42.233	ng		99
32) Benzoic acid	7.89	122	382922	48.376	ng		95
33) 4-Chloroaniline	8.17	127	378324	22.520	ng		98
34) Hexachlorobutadiene	8.24	225	293226	41.608	ng		98
35) Caprolactam	8.55	113	156837m	45.389	ng		
36) 4-Chloro-3-methylphenol	8.66	107	508670	46.030	ng		99
37) 2-Methylnaphthalene	8.82	142	1070334	43.773	ng		99
38) 1-Methylnaphthalene	8.92	142	1030915	44.516	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461334	40.223	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	559195	88.216	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	365273	45.232	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	379951	41.478	ng		98
46) 1,1'-Biphenyl	9.28	154	1253975	41.760	ng		99
47) 2-Chloronaphthalene	9.30	162	1010044	41.257	ng		98
48) 2-Nitroaniline	9.40	65	320646	43.339	ng		97
49) Acenaphthylene	9.72	152	1594124	41.914	ng		100
50) Dimethylphthalate	9.59	163	1333372	46.950	ng		100
51) 2,6-Dinitrotoluene	9.64	165	280319	45.943	ng		97
52) Acenaphthene	9.89	154	1084676m	44.857	ng		
53) 3-Nitroaniline	9.81	138	194060	25.360	ng		97
54) 2,4-Dinitrophenol	9.92	184	261999	75.062	ng		87
55) Dibenzofuran	10.06	168	1438474	41.138	ng		100
56) 4-Nitrophenol	9.97	139	514966	88.590	ng		99
57) 2,4-Dinitrotoluene	10.05	165	372645	46.508	ng		94
58) Fluorene	10.40	166	1024680	39.291	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	324158	46.478	ng		98
60) Diethylphthalate	10.28	149	1213809	42.255	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	496779	35.713	ng		97
62) 4-Nitroaniline	10.43	138	296815	39.819	ng		95
63) Azobenzene	10.56	77	1153157	42.167	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192821	44.255	ng		95
66) n-Nitrosodiphenylamine	10.52	169	1026384	43.020	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	349651	41.351	ng		95
68) Hexachlorobenzene	10.95	284	402625	44.018	ng		94
69) Atrazine	11.05	200	307943	52.117	ng		98
70) Pentachlorophenol	11.15	266	452265	86.308	ng		99
71) Phenanthrene	11.37	178	1594336	40.875	ng		100
72) Anthracene	11.42	178	1678414	42.853	ng		99
73) Carbazole	11.57	167	1592547	40.971	ng		99
74) Di-n-butylphthalate	11.90	149	1906048	42.493	ng		99
75) Fluoranthene	12.55	202	1826123	42.238	ng		99
77) Benzidine	12.67	184	799441	51.207	ng		99
78) Pyrene	12.78	202	1856215	44.215	ng		99
80) Butylbenzylphthalate	13.40	149	853024	45.581	ng		94
81) Benzo(a)anthracene	13.97	228	1467742	40.819	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	463306	34.153	ng		99
83) Chrysene	14.01	228	1593535	42.172	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	979070	42.426	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1990521	43.355	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1583656	37.018	ng		100
88) Benzo(b)fluoranthene	15.01	252	1672416	44.978	ng		98
89) Benzo(k)fluoranthene	15.04	252	1603363	47.282	ng		100
90) Benzo(a)pyrene	15.37	252	1482310	43.694	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1318017	37.716	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1241873	36.042	ng		99

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

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