Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
Data File : BF120852.D
Acq On : 13 Jul 2020 14:43
Operator : JU/CG
Sample : L3184-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-070920MS

Manual Integrations APPROVED
mohammad
7/14/2020 12:01:47 PM

Quant Time: Jul 13 15:13:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	191181	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	725818	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	369636	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	684345	20.00	ng		0.00
76) Chrysene-d12	14.00	240	509567	20.00	ng		0.00
86) Perylene-d12	15.45	264	429200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1394045	112.56	ng		0.02
7) Phenol-d6	6.47	99	1557794	98.49	ng		0.00
23) Nitrobenzene-d5	7.40	82	1237855	98.81	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	520040	140.04	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2057916	84.23	ng		0.00
79) Terphenyl-d14	12.94	244	2162619	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	234238	41.404	ng		96
3) Pyridine	3.42	79	570905	36.841	ng		97
4) n-Nitrosodimethylamine	3.35	42	311544	40.188	ng		86
6) Aniline	6.50	93	638814	31.449	ng		96
8) 2-Chlorophenol	6.62	128	617442	46.826	ng		99
9) Benzaldehyde	6.38	77	106061	11.275	ng		98
10) Phenol	6.48	94	622952	38.288	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	598193	45.182	ng		99
12) 1,3-Dichlorobenzene	6.77	146	620212	42.733	ng		98
13) 1,4-Dichlorobenzene	6.85	146	623181	42.869	ng		98
14) 1,2-Dichlorobenzene	7.00	146	580246	41.955	ng		99
15) Benzyl Alcohol	6.97	79	492321	41.429	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	842982	40.820	ng		99
17) 2-Methylphenol	7.09	107	479810	40.676	ng		99
18) Hexachloroethane	7.35	117	233594	42.754	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	398316	41.827	ng		95
20) 3+4-Methylphenols	7.24	107	519157	35.734	ng	#	86
22) Acetophenone	7.25	105	748362	41.481	ng	#	94
24) Nitrobenzene	7.42	77	637311	45.309	ng		97
25) Isophorone	7.66	82	1170554	43.327	ng		99
26) 2-Nitrophenol	7.73	139	308221	51.782	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	500951	46.450	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	726375	45.428	ng		99
29) 2,4-Dichlorophenol	7.97	162	506134	47.010	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	544371	45.016	ng		99
31) Naphthalene	8.14	128	1684770	43.434	ng		100
32) Benzoic acid	7.89	122	330472	43.746	ng		94
33) 4-Chloroaniline	8.19	127	388250	23.587	ng		98
34) Hexachlorobutadiene	8.26	225	308607	42.432	ng		100
35) Caprolactam	8.56	113	121459m	38.716	ng		
36) 4-Chloro-3-methylphenol	8.67	107	515115	45.994	ng		93
37) 2-Methylnaphthalene	8.83	142	1135947	45.049	ng		99
38) 1-Methylnaphthalene	8.93	142	1078332	45.654	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	479165	42.892	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	491483	74.462	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	366793	48.184	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	385229	45.600	ng		98
46) 1,1'-Biphenyl	9.30	154	1308241	43.877	ng		98
47) 2-Chloronaphthalene	9.32	162	1057898	44.289	ng		98
48) 2-Nitroaniline	9.42	65	339392	47.482	ng		89
49) Acenaphthylene	9.74	152	1648650	44.024	ng		100
50) Dimethylphthalate	9.60	163	1456732	54.025	ng		99
51) 2,6-Dinitrotoluene	9.66	165	274346	51.043	ng		88
52) Acenaphthene	9.91	154	1129192	48.604	ng		100
53) 3-Nitroaniline	9.82	138	219999	34.127	ng		99
54) 2,4-Dinitrophenol	9.93	184	255289	116.193	ng	#	82
55) Dibenzofuran	10.08	168	1486627	44.392	ng		98
56) 4-Nitrophenol	9.99	139	413993	83.622	ng		88
57) 2,4-Dinitrotoluene	10.06	165	362685	53.928	ng	#	79
58) Fluorene	10.42	166	1053843	42.278	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	323616	51.478	ng		96
60) Diethylphthalate	10.30	149	1240459	44.162	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	499409	39.854	ng		96
62) 4-Nitroaniline	10.45	138	302457	52.793	ng		86
63) Azobenzene	10.57	77	1209764	42.103	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	174320	58.738	ng	#	74
66) n-Nitrosodiphenylamine	10.53	169	1029391	44.878	ng		97
67) 4-Bromophenyl-phenylether	10.90	248	344845	43.440	ng		99
68) Hexachlorobenzene	10.97	284	390958	46.933	ng	#	92
69) Atrazine	11.06	200	282181	47.752	ng		98
70) Pentachlorophenol	11.16	266	448189	95.096	ng		99
71) Phenanthrene	11.39	178	1609393	43.343	ng		100
72) Anthracene	11.43	178	1686745	44.954	ng		99
73) Carbazole	11.59	167	1603387	44.467	ng		100
74) Di-n-butylphthalate	11.92	149	1883951	42.202	ng		99
75) Fluoranthene	12.57	202	1794548	45.368	ng		99
77) Benzidine	12.69	184	654100	45.477	ng		99
78) Pyrene	12.80	202	1834677	45.081	ng		100
80) Butylbenzylphthalate	13.42	149	817051	46.502	ng		99
81) Benzo(a)anthracene	13.99	228	1391099	42.588	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	421298	38.220	ng	#	99
83) Chrysene	14.03	228	1525212	45.777	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	894167	38.808	ng		98
85) Di-n-octyl phthalate	14.60	149	1833650	44.985	ng		97
87) Indeno(1,2,3-cd)pyrene	16.90	276	1283954	46.639	ng		100
88) Benzo(b)fluoranthene	15.03	252	1412837	50.071	ng		99
89) Benzo(k)fluoranthene	15.06	252	1368845	49.855	ng		99
90) Benzo(a)pyrene	15.39	252	1205921	47.910	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1076204	46.904	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1037959	49.497	ng		99

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

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