Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120893.D
Acq On : 16 Jul 2020 18:57
Operator : JU/CG
Sample : L3187-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:16 PM

Quant Time: Jul 17 02:25:33 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	159435	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629949	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	335079	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	661938	20.00	ng	0.00
76) Chrysene-d12	13.97	240	519670	20.00	ng	0.00
86) Perylene-d12	15.42	264	529865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1015351	104.40	ng	0.02
7) Phenol-d6	6.45	99	1156469	92.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	862543	79.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	425316	115.96	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1546427	68.91	ng	0.00
79) Terphenyl-d14	12.92	244	1693880	70.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	188996	42.225	ng	# 85
3) Pyridine	3.39	79	342732	28.784	ng	99
4) n-Nitrosodimethylamine	3.32	42	238967	46.934	ng	100
6) Aniline	6.48	93	234293	14.287	ng	99
8) 2-Chlorophenol	6.60	128	532356	49.688	ng	99
9) Benzaldehyde	6.36	77	73030	8.754	ng	99
10) Phenol	6.46	94	541614	39.192	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	517829	48.893	ng	100
12) 1,3-Dichlorobenzene	6.76	146	526900	45.354	ng	99
13) 1,4-Dichlorobenzene	6.83	146	527993	45.705	ng	98
14) 1,2-Dichlorobenzene	6.99	146	512651	46.909	ng	99
15) Benzyl Alcohol	6.96	79	427492	48.118	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	715291	46.857	ng	99
17) 2-Methylphenol	7.07	107	414920	43.694	ng	98
18) Hexachloroethane	7.33	117	199630	47.745	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	337567	47.254	ng	99
20) 3+4-Methylphenols	7.22	107	456333	37.777	ng	90
22) Acetophenone	7.23	105	640236	45.285	ng	99
24) Nitrobenzene	7.40	77	538479	45.891	ng	97
25) Isophorone	7.64	82	1003052	46.164	ng	100
26) 2-Nitrophenol	7.72	139	282300	50.657	ng	99
27) 2,4-Dimethylphenol	7.75	122	449303	49.657	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	642614	48.451	ng	100
29) 2,4-Dichlorophenol	7.96	162	443446	47.962	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	470929	45.909	ng	99
31) Naphthalene	8.12	128	1485304	45.966	ng	100
32) Benzoic acid	7.87	122	328355	48.344	ng	99
33) 4-Chloroaniline	8.17	127	141786	9.836	ng	98
34) Hexachlorobutadiene	8.24	225	268502	44.402	ng	98
35) Caprolactam	8.54	113	111555m	37.624	ng	
36) 4-Chloro-3-methylphenol	8.65	107	470640	49.633	ng	99
37) 2-Methylnaphthalene	8.81	142	1020921	48.659	ng	99
38) 1-Methylnaphthalene	8.91	142	970164	48.822	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	427184	43.756	ng	99

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	478066	88.602	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	336030	48.885	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	359472	46.102	ng		99
46) 1,1'-Biphenyl	9.27	154	1201543	47.009	ng		100
47) 2-Chloronaphthalene	9.30	162	949767	45.576	ng		99
48) 2-Nitroaniline	9.39	65	302259	47.995	ng		99
49) Acenaphthylene	9.72	152	1524365	47.086	ng		100
50) Dimethylphthalate	9.58	163	1167558	48.298	ng		99
51) 2,6-Dinitrotoluene	9.64	165	263757	50.786	ng		92
52) Acenaphthene	9.89	154	1064891m	51.738	ng		
53) 3-Nitroaniline	9.80	138	139649	21.439	ng		98
54) 2,4-Dinitrophenol	9.91	184	292292	96.258	ng		91
55) Dibenzofuran	10.06	168	1368999	45.995	ng		99
56) 4-Nitrophenol	9.97	139	424584	85.811	ng		98
57) 2,4-Dinitrotoluene	10.04	165	359486	52.709	ng	#	90
58) Fluorene	10.40	166	982937	44.279	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	302679	50.985	ng		99
60) Diethylphthalate	10.28	149	1178475	48.197	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	472640	39.918	ng		99
62) 4-Nitroaniline	10.42	138	267902	42.223	ng		98
63) Azobenzene	10.56	77	1103997	47.427	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	195954	50.897	ng		91
66) n-Nitrosodiphenylamine	10.52	169	973077	46.730	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	337072	45.673	ng		92
68) Hexachlorobenzene	10.95	284	375713	47.062	ng	#	92
69) Atrazine	11.05	200	279506	54.199	ng		99
70) Pentachlorophenol	11.15	266	444579	97.207	ng		99
71) Phenanthrene	11.36	178	1546484	45.426	ng		99
72) Anthracene	11.42	178	1605680	46.971	ng		99
73) Carbazole	11.57	167	1514134	44.632	ng		99
74) Di-n-butylphthalate	11.90	149	1799403	45.962	ng		100
75) Fluoranthene	12.55	202	1740902	46.135	ng		98
77) Benzidine	12.67	184	52207	3.821	ng		99
78) Pyrene	12.78	202	1772582	48.246	ng		99
80) Butylbenzylphthalate	13.40	149	821282	50.144	ng		98
81) Benzo(a)anthracene	13.97	228	1377335	43.769	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	344933	29.054	ng		99
83) Chrysene	14.00	228	1576545	47.673	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	913198	45.215	ng		100
85) Di-n-octyl phthalate	14.57	149	1921815	47.828	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1608220	43.642	ng		100
88) Benzo(b)fluoranthene	15.00	252	1734008	54.140	ng		100
89) Benzo(k)fluoranthene	15.04	252	1412174	48.346	ng		99
90) Benzo(a)pyrene	15.36	252	1426853	48.829	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1352141	44.920	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1280859	43.156	ng		99

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

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