Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121041.D
Acq On : 27 Jul 2020 19:48
Operator : JU/CG
Sample : L3382-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-020MSD

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:37 AM

Quant Time: Jul 28 03:03:54 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	185260	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	729360	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	392299	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	758549	20.00	ng		0.00
76) Chrysene-d12	13.97	240	530236	20.00	ng		0.00
86) Perylene-d12	15.42	264	483559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1197869	106.00	ng		0.02
7) Phenol-d6	6.45	99	1532370	104.97	ng		0.00
23) Nitrobenzene-d5	7.38	82	977696	77.56	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	489427	113.98	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1778385	67.68	ng		0.00
79) Terphenyl-d14	12.93	244	1803380	73.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	199669	38.391	ng		99
3) Pyridine	3.35	79	458064	33.108	ng		99
4) n-Nitrosodimethylamine	3.30	42	241697	40.853	ng		96
6) Aniline	6.48	93	573958	30.121	ng		98
8) 2-Chlorophenol	6.60	128	552934	44.415	ng		99
9) Benzaldehyde	6.36	77	371287	59.774	ng		98
10) Phenol	6.47	94	640518	39.888	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	516638	41.981	ng		99
12) 1,3-Dichlorobenzene	6.76	146	550038	40.745	ng		99
13) 1,4-Dichlorobenzene	6.83	146	554159	41.283	ng		98
14) 1,2-Dichlorobenzene	6.99	146	534844	42.117	ng		99
15) Benzyl Alcohol	6.96	79	438018	42.430	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	715781	40.353	ng		97
17) 2-Methylphenol	7.07	107	440074	39.883	ng		98
18) Hexachloroethane	7.33	117	209281	43.076	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	337820	40.697	ng		98
20) 3+4-Methylphenols	7.23	107	475630	33.885	ng	#	87
22) Acetophenone	7.23	105	664574	40.599	ng		94
24) Nitrobenzene	7.40	77	545648	40.164	ng		100
25) Isophorone	7.64	82	1034800	41.134	ng		99
26) 2-Nitrophenol	7.72	139	298674	46.290	ng		99
27) 2,4-Dimethylphenol	7.76	122	480598	45.876	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	656911	42.778	ng		100
29) 2,4-Dichlorophenol	7.96	162	461723	43.132	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	492705	41.485	ng		100
31) Naphthalene	8.12	128	1500884	40.117	ng		100
32) Benzoic acid	7.89	122	360631	45.859	ng		98
33) 4-Chloroaniline	8.17	127	347088	20.797	ng		98
34) Hexachlorobutadiene	8.24	225	281705	40.236	ng		99
35) Caprolactam	8.55	113	152993m	44.567	ng		
36) 4-Chloro-3-methylphenol	8.66	107	488686	44.512	ng		99
37) 2-Methylnaphthalene	8.81	142	1033032	42.525	ng		99
38) 1-Methylnaphthalene	8.91	142	975673	42.407	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	463824	40.580	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	461280	73.021	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	347973	43.239	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	363160	39.782	ng		100
46) 1,1'-Biphenyl	9.27	154	1257652	42.027	ng		99
47) 2-Chloronaphthalene	9.30	162	963826	39.505	ng		97
48) 2-Nitroaniline	9.40	65	309070	41.919	ng		94
49) Acenaphthylene	9.72	152	1581382	41.723	ng		100
50) Dimethylphthalate	9.58	163	1444436	51.037	ng		98
51) 2,6-Dinitrotoluene	9.64	165	272070	44.745	ng		96
52) Acenaphthene	9.89	154	1062070m	44.074	ng		
53) 3-Nitroaniline	9.80	138	172279	22.591	ng		95
54) 2,4-Dinitrophenol	9.92	184	257364	74.087	ng		90
55) Dibenzofuran	10.06	168	1377449	39.529	ng		99
56) 4-Nitrophenol	9.98	139	463011	79.928	ng		97
57) 2,4-Dinitrotoluene	10.05	165	361616	45.288	ng		94
58) Fluorene	10.40	166	987372	37.991	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	320781	46.152	ng		96
60) Diethylphthalate	10.28	149	1214183	42.414	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	489374	35.303	ng		100
62) 4-Nitroaniline	10.43	138	287214	38.664	ng		97
63) Azobenzene	10.56	77	1098953	40.324	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	181064	41.784	ng		91
66) n-Nitrosodiphenylamine	10.52	169	1010220	42.335	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	350073	41.393	ng	#	90
68) Hexachlorobenzene	10.95	284	389085	42.530	ng		93
69) Atrazine	11.04	200	288015	48.736	ng		99
70) Pentachlorophenol	11.14	266	451236	86.097	ng		99
71) Phenanthrene	11.36	178	1560169	39.992	ng		100
72) Anthracene	11.42	178	1601264	40.876	ng		99
73) Carbazole	11.57	167	1532332	39.415	ng		99
74) Di-n-butylphthalate	11.90	149	1899960	42.350	ng		100
75) Fluoranthene	12.55	202	1723006	39.845	ng		98
77) Benzidine	12.67	184	904873	64.908	ng		99
78) Pyrene	12.78	202	1743584	46.511	ng		99
80) Butylbenzylphthalate	13.40	149	816675	48.869	ng		98
81) Benzo(a)anthracene	13.97	228	1314532	40.940	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	445911	36.811	ng		99
83) Chrysene	14.00	228	1399817	41.485	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	987689	47.929	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1896766	46.264	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1389108	41.306	ng		99
88) Benzo(b)fluoranthene	15.00	252	1427088	48.824	ng		99
89) Benzo(k)fluoranthene	15.03	252	1172923	44.000	ng		99
90) Benzo(a)pyrene	15.36	252	1161692	43.562	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1157497	42.136	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1158059	42.755	ng		100

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

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