Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122899.D
Acq On : 31 Dec 2020 16:48
Operator : JU/CG
Sample : L5244-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020MS

Manual Integrations APPROVED
mohammad
1/4/2021 11:51:36 AM

Quant Time: Dec 31 17:18:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	118276	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	456030	20.00	ng		0.00
39) Acenaphthene-d10	9.875	164	247865	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	456698	20.00	ng		0.00
76) Chrysene-d12	14.015	240	311130	20.00	ng		0.00
86) Perylene-d12	15.498	264	322976	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	623924	83.51	ng		0.00
7) Phenol-d6	6.469	99	770269	77.74	ng		0.00
23) Nitrobenzene-d5	7.392	82	481876	52.94	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	254445	78.42	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	927035	50.59	ng		0.00
79) Terphenyl-d14	12.951	244	997550	56.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	114412	32.58	ng		99
3) Pyridine	3.304	79	330594	35.62	ng		98
4) n-Nitrosodimethylamine	3.257	42	140208	37.67	ng		97
6) Aniline	6.487	93	272031	23.32	ng	#	56
8) 2-Chlorophenol	6.610	128	375751	45.63	ng		97
9) Benzaldehyde	6.369	77	82764	13.80	ng		97
10) Phenol	6.481	94	469558	45.73	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	387594	49.41	ng		96
12) 1,3-Dichlorobenzene	6.763	146	394866	40.53	ng		99
13) 1,4-Dichlorobenzene	6.839	146	398985	40.61	ng		99
14) 1,2-Dichlorobenzene	6.992	146	380421	40.11	ng		99
15) Benzyl Alcohol	6.975	79	305144	44.73	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	398693	35.65	ng		82
17) 2-Methylphenol	7.086	107	290164	44.33	ng		95
18) Hexachloroethane	7.334	117	140725	40.19	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	243253	42.86	ng		97
20) 3+4-Methylphenols	7.245	107	365132	44.16	ng	#	80
22) Acetophenone	7.234	105	504991	44.54	ng	#	94
24) Nitrobenzene	7.410	77	362874	40.08	ng		99
25) Isophorone	7.651	82	674565	43.03	ng		99
26) 2-Nitrophenol	7.728	139	195477	44.26	ng		97
27) 2,4-Dimethylphenol	7.775	122	320173	49.46	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	412976	38.47	ng		99
29) 2,4-Dichlorophenol	7.981	162	324386	42.91	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	333057	38.89	ng		99
31) Naphthalene	8.133	128	1050970	41.76	ng		99
32) Benzoic acid	7.922	122	234253	45.42	ng	#	76
33) 4-Chloroaniline	8.192	127	158323	15.05	ng		99
34) Hexachlorobutadiene	8.251	225	199227	37.80	ng		99
35) Caprolactam	8.569	113	105998m	46.56	ng		
36) 4-Chloro-3-methylphenol	8.686	107	323130	43.40	ng		98
37) 2-Methylnaphthalene	8.828	142	715327	42.97	ng		99
38) 1-Methylnaphthalene	8.928	142	647638	41.13	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	323553	39.41	ng		99
41) Hexachlorocyclopentadiene	8.980	237	63787	17.57	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	220805	38.94	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	230707	39.36	ng		98
46) 1,1'-Biphenyl	9.292	154	820495	39.89	ng		98
47) 2-Chloronaphthalene	9.322	162	643582	37.76	ng		98
48) 2-Nitroaniline	9.422	65	192867	38.81	ng		96
49) Acenaphthylene	9.733	152	1007625	40.03	ng		99
50) Dimethylphthalate	9.598	163	836471	42.26	ng		100
51) 2,6-Dinitrotoluene	9.663	165	177084	42.36	ng		99
52) Acenaphthene	9.910	154	594709	36.51	ng		98
53) 3-Nitroaniline	9.827	138	100963	20.90	ng	#	92
54) 2,4-Dinitrophenol	9.951	184	152813	74.76	ng	#	91
55) Dibenzofuran	10.080	168	910177	39.73	ng		99
56) 4-Nitrophenol	10.010	139	256082	74.34	ng		88
57) 2,4-Dinitrotoluene	10.069	165	229029	41.13	ng		97
58) Fluorene	10.422	166	733519	40.25	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	200317	38.90	ng	#	96
60) Diethylphthalate	10.292	149	765184	39.74	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	361125	40.25	ng		99
62) 4-Nitroaniline	10.451	138	167300	34.12	ng		96
63) Azobenzene	10.575	77	703892	39.77	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	108640	39.01	ng		93
66) n-Nitrosodiphenylamine	10.533	169	654034	40.53	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	244760	39.55	ng		95
68) Hexachlorobenzene	10.974	284	261161	38.17	ng		99
69) Atrazine	11.063	200	189813	36.22	ng		99
70) Pentachlorophenol	11.174	266	267490	73.80	ng		99
71) Phenanthrene	11.386	178	1113053	41.01	ng		99
72) Anthracene	11.439	178	1120371	41.63	ng		100
73) Carbazole	11.598	167	970391	39.76	ng		99
74) Di-n-butylphthalate	11.921	149	1219314	39.76	ng		100
75) Fluoranthene	12.580	202	1073808	37.73	ng		99
77) Benzidine	12.704	184	167917	24.95	ng		100
78) Pyrene	12.810	202	1067892	44.39	ng		99
80) Butylbenzylphthalate	13.427	149	448650	41.41	ng		96
81) Benzo(a)anthracene	14.010	228	915966	44.05	ng		98
82) 3,3'-Dichlorobenzidine	13.963	252	163459	21.95	ng	#	98
83) Chrysene	14.045	228	862447	41.68	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	617373	41.61	ng		99
85) Di-n-octyl phthalate	14.604	149	972365	39.51	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	982933	46.36	ng		99
88) Benzo(b)fluoranthene	15.068	252	951570	41.99	ng		100
89) Benzo(k)fluoranthene	15.098	252	859065	41.46	ng		99
90) Benzo(a)pyrene	15.439	252	847857	42.77	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	812914	46.85	ng		99
92) Benzo(g,h,i)perylene	17.445	276	814595	48.51	ng		98

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

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