Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123082.D
Acq On : 29 Jan 2021 15:08
Operator : JU/CG
Sample : M1270-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:41 AM

Quant Time: Jan 29 22:34:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	231861	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	926632	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	496621	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	900949	20.00	ng	0.00
76) Chrysene-d12	14.086	240	776438	20.00	ng	0.00
86) Perylene-d12	15.568	264	704004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1565086	104.12	ng	0.01
7) Phenol-d6	6.522	99	2011902	98.75	ng	0.00
23) Nitrobenzene-d5	7.457	82	1281450	69.60	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	621860	115.35	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2305779	69.02	ng	0.00
79) Terphenyl-d14	13.022	244	2634023	66.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	277175	37.06	ng	95
3) Pyridine	3.475	79	794509	39.73	ng	95
4) n-Nitrosodimethylamine	3.428	42	378361	44.96	ng	95
6) Aniline	6.557	93	788489	31.44	ng	99
8) 2-Chlorophenol	6.681	128	808546	49.63	ng	98
9) Benzaldehyde	6.440	77	433740	46.57	ng	98
10) Phenol	6.534	94	1012394	50.10	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	761845	45.31	ng	99
12) 1,3-Dichlorobenzene	6.834	146	831049	43.74	ng	97
13) 1,4-Dichlorobenzene	6.910	146	839634	42.43	ng	97
14) 1,2-Dichlorobenzene	7.063	146	815285	44.04	ng	99
15) Benzyl Alcohol	7.034	79	672708	47.10	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1106027	42.66	ng	98
17) 2-Methylphenol	7.145	107	656832	47.38	ng	98
18) Hexachloroethane	7.410	117	308763	44.55	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	539554	44.04	ng	97
20) 3+4-Methylphenols	7.298	107	780045	47.77	ng	95
22) Acetophenone	7.304	105	1017689	42.15	ng	98
24) Nitrobenzene	7.475	77	842630	44.42	ng	98
25) Isophorone	7.716	82	1541553	45.71	ng	100
26) 2-Nitrophenol	7.792	139	417603	53.23	ng	97
27) 2,4-Dimethylphenol	7.828	122	739096	52.21	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	972541	42.26	ng	99
29) 2,4-Dichlorophenol	8.034	162	682865	46.13	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	710049	42.58	ng	99
31) Naphthalene	8.204	128	2216327	43.60	ng	99
32) Benzoic acid	7.957	122	521405	45.96	ng	95
33) 4-Chloroaniline	8.245	127	379481	16.82	ng	100
34) Hexachlorobutadiene	8.322	225	409358	42.49	ng	99
35) Caprolactam	8.622	113	240109m	48.00	ng	
36) 4-Chloro-3-methylphenol	8.728	107	736552	47.85	ng	97
37) 2-Methylnaphthalene	8.892	142	1490317	44.17	ng	98
38) 1-Methylnaphthalene	8.992	142	1412735	44.22	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	671063	43.44	ng	99
41) Hexachlorocyclopentadiene	9.051	237	753768	102.78	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	509862	48.14	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	540305	48.78	ng		99
46) 1,1'-Biphenyl	9.357	154	1801047	44.21	ng		99
47) 2-Chloronaphthalene	9.386	162	1433158	42.03	ng		97
48) 2-Nitroaniline	9.475	65	478952	46.34	ng		86
49) Acenaphthylene	9.804	152	2201437	44.11	ng		99
50) Dimethylphthalate	9.663	163	1826536	46.88	ng		99
51) 2,6-Dinitrotoluene	9.722	165	407167	49.06	ng		98
52) Acenaphthene	9.975	154	1541189	48.07	ng		99
53) 3-Nitroaniline	9.886	138	243706	24.83	ng		96
54) 2,4-Dinitrophenol	9.998	184	377950	97.90	ng	#	91
55) Dibenzofuran	10.151	168	1994640	42.76	ng		98
56) 4-Nitrophenol	10.051	139	705007	99.37	ng		85
57) 2,4-Dinitrotoluene	10.128	165	547497	50.72	ng		94
58) Fluorene	10.492	166	1509234	40.50	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	458052	48.77	ng		96
60) Diethylphthalate	10.363	149	1718479	44.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	732332	41.82	ng		99
62) 4-Nitroaniline	10.510	138	400662	40.63	ng		97
63) Azobenzene	10.645	77	1614437	43.06	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	269488	53.55	ng		88
66) n-Nitrosodiphenylamine	10.604	169	1416249	43.61	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	503208	43.86	ng		97
68) Hexachlorobenzene	11.045	284	540543	43.92	ng		97
69) Atrazine	11.133	200	426328	47.54	ng		99
70) Pentachlorophenol	11.239	266	655937	98.34	ng		99
71) Phenanthrene	11.457	178	2333366	41.70	ng		99
72) Anthracene	11.510	178	2392058	44.56	ng		99
73) Carbazole	11.663	167	2153351	43.23	ng		99
74) Di-n-butylphthalate	11.998	149	2549444	43.16	ng		100
75) Fluoranthene	12.651	202	2501491	44.73	ng		98
77) Benzidine	12.769	184	1016741	57.87	ng		99
78) Pyrene	12.880	202	2533028	43.21	ng		99
80) Butylbenzylphthalate	13.504	149	1195855	47.41	ng		96
81) Benzo(a)anthracene	14.074	228	2289747	43.57	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	576553	34.86	ng	#	97
83) Chrysene	14.116	228	2310796	43.94	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1575972	47.03	ng		98
85) Di-n-octyl phthalate	14.680	149	2849546	50.63	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	2201753	46.97	ng		97
88) Benzo(b)fluoranthene	15.139	252	2405230	47.33	ng		100
89) Benzo(k)fluoranthene	15.168	252	2123711	44.98	ng		98
90) Benzo(a)pyrene	15.510	252	2027368	45.43	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1810085	46.91	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1786264	47.77	ng		97

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

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