Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123063.D
Acq On : 28 Jan 2021 17:05
Operator : JU/CG
Sample : M1236-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS1419LNMSD

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:40 AM

Quant Time: Jan 28 17:42:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	285102	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1129054	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	620754	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	1157326	20.00	ng	#	0.00
76) Chrysene-d12	14.086	240	969256	20.00	ng		0.00
86) Perylene-d12	15.568	264	897046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1473622	79.73	ng		0.01
7) Phenol-d6	6.516	99	1906869	76.12	ng		0.00
23) Nitrobenzene-d5	7.457	82	1212789	54.06	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	587696	87.21	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2147948	51.44	ng		0.00
79) Terphenyl-d14	13.022	244	2450969	49.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	317217	34.50	ng		95
3) Pyridine	3.481	79	872476	35.48	ng		94
4) n-Nitrosodimethylamine	3.440	42	418201	40.41	ng		96
6) Aniline	6.557	93	685734	22.24	ng		97
8) 2-Chlorophenol	6.681	128	888798	44.36	ng		98
9) Benzaldehyde	6.440	77	474697	41.45	ng		97
10) Phenol	6.534	94	1080961m	43.51	ng		
11) bis(2-Chloroethyl)ether	6.628	93	843691	40.80	ng		99
12) 1,3-Dichlorobenzene	6.834	146	917183	39.26	ng		97
13) 1,4-Dichlorobenzene	6.910	146	922609	37.92	ng		98
14) 1,2-Dichlorobenzene	7.063	146	887800	39.00	ng		98
15) Benzyl Alcohol	7.034	79	738434	42.04	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1243679	39.01	ng		96
17) 2-Methylphenol	7.145	107	721906	42.35	ng		97
18) Hexachloroethane	7.410	117	339084	39.79	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	602557	40.00	ng		96
20) 3+4-Methylphenols	7.292	107	847009	42.18	ng	#	86
22) Acetophenone	7.304	105	1114336	37.88	ng		98
24) Nitrobenzene	7.475	77	918599	39.74	ng		99
25) Isophorone	7.716	82	1711714	41.65	ng		100
26) 2-Nitrophenol	7.792	139	453363	47.43	ng		97
27) 2,4-Dimethylphenol	7.828	122	795620	46.13	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1084178	38.67	ng		99
29) 2,4-Dichlorophenol	8.034	162	751244	41.65	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	776576	38.22	ng		99
31) Naphthalene	8.204	128	2419044	39.06	ng		99
32) Benzoic acid	7.957	122	577078	42.20	ng		96
33) 4-Chloroaniline	8.245	127	304534	11.08	ng		99
34) Hexachlorobutadiene	8.322	225	441686	37.63	ng		99
35) Caprolactam	8.622	113	265127m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.728	107	820014	43.72	ng		98
37) 2-Methylnaphthalene	8.892	142	1661048	40.40	ng		100
38) 1-Methylnaphthalene	8.992	142	1553817	39.92	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	731423	37.88	ng		98
41) Hexachlorocyclopentadiene	9.051	237	857793	93.58	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	570100	43.06	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	590886	42.68	ng		99
46) 1,1'-Biphenyl	9.357	154	1995056	39.18	ng		99
47) 2-Chloronaphthalene	9.381	162	1589553	37.29	ng		99
48) 2-Nitroaniline	9.475	65	528943	40.94	ng		87
49) Acenaphthylene	9.804	152	2475932	39.69	ng		99
50) Dimethylphthalate	9.663	163	1998007	41.03	ng		99
51) 2,6-Dinitrotoluene	9.722	165	455077	43.86	ng		96
52) Acenaphthene	9.975	154	1723619	43.01	ng		99
53) 3-Nitroaniline	9.886	138	210777	17.18	ng		96
54) 2,4-Dinitrophenol	9.998	184	432909	90.29	ng	#	87
55) Dibenzofuran	10.151	168	2222992	38.12	ng		98
56) 4-Nitrophenol	10.051	139	792463	89.36	ng		87
57) 2,4-Dinitrotoluene	10.128	165	614601	45.55	ng		98
58) Fluorene	10.492	166	1696172	36.41	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	510705	43.50	ng		95
60) Diethylphthalate	10.363	149	1963815	41.01	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	826570	37.77	ng		100
62) 4-Nitroaniline	10.510	138	446104	36.19	ng		95
63) Azobenzene	10.645	77	1875851	40.03	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	310034	48.48	ng		90
66) n-Nitrosodiphenylamine	10.598	169	1608051	38.55	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	575335	39.03	ng		96
68) Hexachlorobenzene	11.039	284	604410	38.23	ng		95
69) Atrazine	11.128	200	483316	41.96	ng		99
70) Pentachlorophenol	11.233	266	734168	85.69	ng		98
71) Phenanthrene	11.457	178	2647531	36.83	ng		99
72) Anthracene	11.510	178	2695406	39.09	ng		98
73) Carbazole	11.663	167	2476294	38.70	ng		99
74) Di-n-butylphthalate	11.998	149	3048190	40.17	ng		99
75) Fluoranthene	12.651	202	2805339	39.05	ng		98
77) Benzidine	12.769	184	868155	39.58	ng		100
78) Pyrene	12.880	202	2836139	38.76	ng		98
80) Butylbenzylphthalate	13.498	149	1404835	44.62	ng		95
81) Benzo(a)anthracene	14.074	228	2508909	38.25	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	576744	27.94	ng	#	97
83) Chrysene	14.116	228	2570275	39.15	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	1787334	42.72	ng		98
85) Di-n-octyl phthalate	14.680	149	3220510	45.84	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2445718	40.94	ng		96
88) Benzo(b)fluoranthene	15.133	252	2711752	41.88	ng		99
89) Benzo(k)fluoranthene	15.168	252	2411552	40.08	ng		99
90) Benzo(a)pyrene	15.510	252	2302957	40.50	ng		97
91) Dibenzo(a,h)anthracene	17.098	278	2036229	41.41	ng		98
92) Benzo(g,h,i)perylene	17.533	276	1946881	40.86	ng		97

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

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