Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123062.D
Acq On : 28 Jan 2021 16:34
Operator : JU/CG
Sample : M1236-08MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS1419LNMS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:37 AM

Quant Time: Jan 28 17:44:13 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	6.892	152	261087	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1034961	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	564016	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	1051793	20.00	ng		0.00
76) Chrysene-d12	14.086	240	923357	20.00	ng		0.00
86) Perylene-d12	15.568	264	905710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1386865	81.94	ng		0.00
7) Phenol-d6	6.516	99	1791284	78.08	ng		0.00
23) Nitrobenzene-d5	7.457	82	1111739	54.06	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	530064	86.57	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1974092	52.03	ng		0.00
79) Terphenyl-d14	13.021	244	2286845	48.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	295810	35.13	ng		94
3) Pyridine	3.469	79	823656	36.57	ng		94
4) n-Nitrosodimethylamine	3.422	42	385137	40.64	ng		92
6) Aniline	6.551	93	595700	21.10	ng		99
8) 2-Chlorophenol	6.675	128	817891	44.58	ng		97
9) Benzaldehyde	6.439	77	436631	41.63	ng		98
10) Phenol	6.534	94	1011437m	44.45	ng		
11) bis(2-Chloroethyl)ether	6.628	93	778732	41.13	ng		98
12) 1,3-Dichlorobenzene	6.834	146	848623	39.66	ng		97
13) 1,4-Dichlorobenzene	6.910	146	854260	38.34	ng		98
14) 1,2-Dichlorobenzene	7.063	146	821331	39.40	ng		98
15) Benzyl Alcohol	7.034	79	681741	42.39	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1148791	39.35	ng		96
17) 2-Methylphenol	7.145	107	659842	42.27	ng		98
18) Hexachloroethane	7.410	117	313722	40.20	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	554704	40.21	ng		96
20) 3+4-Methylphenols	7.292	107	793944	43.18	ng	#	87
22) Acetophenone	7.304	105	1040734	38.59	ng		97
24) Nitrobenzene	7.475	77	851991	40.21	ng		98
25) Isophorone	7.716	82	1568447	41.64	ng		100
26) 2-Nitrophenol	7.792	139	412977	47.13	ng		97
27) 2,4-Dimethylphenol	7.828	122	735263	46.51	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1000663	38.93	ng		99
29) 2,4-Dichlorophenol	8.033	162	690356	41.76	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	712348	38.25	ng		100
31) Naphthalene	8.198	128	2236255	39.39	ng		99
32) Benzoic acid	7.951	122	522445	41.74	ng		97
33) 4-Chloroaniline	8.245	127	268282	10.65	ng		98
34) Hexachlorobutadiene	8.322	225	409155	38.03	ng		98
35) Caprolactam	8.616	113	243783m	43.63	ng		
36) 4-Chloro-3-methylphenol	8.728	107	741565	43.14	ng		99
37) 2-Methylnaphthalene	8.892	142	1528388	40.55	ng		99
38) 1-Methylnaphthalene	8.992	142	1443610	40.46	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	672055	38.30	ng		98
41) Hexachlorocyclopentadiene	9.051	237	782007	93.89	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	513064	42.65	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	537970	42.77	ng		98
46) 1,1'-Biphenyl	9.357	154	1836043	39.69	ng		99
47) 2-Chloronaphthalene	9.386	162	1457293	37.63	ng		98
48) 2-Nitroaniline	9.475	65	478205	40.74	ng		87
49) Acenaphthylene	9.804	152	2271706	40.08	ng		100
50) Dimethylphthalate	9.663	163	1791105	40.48	ng		100
51) 2,6-Dinitrotoluene	9.722	165	410945	43.60	ng		98
52) Acenaphthene	9.975	154	1568433	43.08	ng		99
53) 3-Nitroaniline	9.886	138	195030	17.50	ng		98
54) 2,4-Dinitrophenol	9.992	184	386724	88.88	ng		95
55) Dibenzofuran	10.151	168	2044204	38.58	ng		97
56) 4-Nitrophenol	10.051	139	723644	89.81	ng		91
57) 2,4-Dinitrotoluene	10.127	165	567151	46.26	ng		93
58) Fluorene	10.492	166	1543994	36.48	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	466535	43.73	ng		95
60) Diethylphthalate	10.363	149	1779830	40.90	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	751067	37.77	ng		100
62) 4-Nitroaniline	10.510	138	413944	36.96	ng		93
63) Azobenzene	10.645	77	1721259	40.43	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	275558	47.52	ng		93
66) n-Nitrosodiphenylamine	10.598	169	1481753	39.08	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	515310	38.47	ng		96
68) Hexachlorobenzene	11.039	284	549642	38.26	ng		94
69) Atrazine	11.127	200	441525	42.17	ng		99
70) Pentachlorophenol	11.233	266	671531	86.24	ng		98
71) Phenanthrene	11.457	178	2409071	36.88	ng		99
72) Anthracene	11.510	178	2491561	39.76	ng		99
73) Carbazole	11.663	167	2303625	39.61	ng		99
74) Di-n-butylphthalate	11.992	149	2805368	40.68	ng		99
75) Fluoranthene	12.651	202	2625445	40.21	ng		98
77) Benzidine	12.768	184	828071	39.63	ng		99
78) Pyrene	12.880	202	2681040	38.46	ng		99
80) Butylbenzylphthalate	13.498	149	1304686	43.50	ng		96
81) Benzo(a)anthracene	14.074	228	2434955	38.96	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	550448	27.99	ng	#	97
83) Chrysene	14.115	228	2448903	39.15	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	1681722	42.20	ng		98
85) Di-n-octyl phthalate	14.680	149	3101062	46.33	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	2548452	42.25	ng		96
88) Benzo(b)fluoranthene	15.139	252	2666687	40.79	ng		99
89) Benzo(k)fluoranthene	15.168	252	2434745	40.08	ng		99
90) Benzo(a)pyrene	15.509	252	2327039	40.53	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	2088846	42.08	ng		97
92) Benzo(g,h,i)perylene	17.533	276	2034930	42.30	ng		97

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

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