Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123289.D
Acq On : 23 Feb 2021 19:40
Operator : JU/CG
Sample : M1454-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:49 AM

Quant Time: Feb 23 23:54:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	114593	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	473980	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	247324	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	468997	20.00	ng		0.00
76) Chrysene-d12	14.045	240	379536	20.00	ng		0.00
86) Perylene-d12	15.515	264	319774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	465303	58.45	ng		0.00
7) Phenol-d6	6.487	99	395701	36.59	ng		0.00
23) Nitrobenzene-d5	7.422	82	778856	75.22	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	336071	133.45	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1321054	76.73	ng		0.00
79) Terphenyl-d14	12.986	244	1584628	80.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	55103	11.99	ng		91
3) Pyridine	3.357	79	140115	12.52	ng	#	90
4) n-Nitrosodimethylamine	3.287	42	85830	16.58	ng		82
6) Aniline	6.516	93	319594	25.02	ng		93
8) 2-Chlorophenol	6.645	128	322149	37.66	ng		96
9) Benzaldehyde	6.404	77	147700	23.31	ng		91
10) Phenol	6.504	94	212077	17.99	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	348934	41.27	ng		95
12) 1,3-Dichlorobenzene	6.798	146	347313	39.04	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	351623	38.78	ng		95
14) 1,2-Dichlorobenzene	7.028	146	344023	40.78	ng		95
15) Benzyl Alcohol	6.998	79	251970	29.88	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	460173	39.68	ng		97
17) 2-Methylphenol	7.116	107	243455	33.84	ng		93
18) Hexachloroethane	7.369	117	136049	41.54	ng		90
19) n-Nitroso-di-n-propyla...	7.275	70	292184	45.41	ng		96
20) 3+4-Methylphenols	7.269	107	273802	28.98	ng	#	66
22) Acetophenone	7.269	105	557767	45.37	ng		96
24) Nitrobenzene	7.439	77	442576	40.54	ng		90
25) Isophorone	7.681	82	795702	41.10	ng		96
26) 2-Nitrophenol	7.757	139	194925	42.62	ng	#	88
27) 2,4-Dimethylphenol	7.798	122	294907	41.66	ng		95
28) bis(2-Chloroethoxy)met...	7.892	93	461715	45.56	ng		100
29) 2,4-Dichlorophenol	8.004	162	304115	41.61	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	315525	39.70	ng		99
31) Naphthalene	8.163	128	1120529	43.14	ng		99
32) Benzoic acid	7.904	122	78194	14.97	ng		92
33) 4-Chloroaniline	8.210	127	253321	23.96	ng	#	92
34) Hexachlorobutadiene	8.281	225	172529	38.49	ng		98
35) Caprolactam	8.598	113	23186m	9.45	ng		
36) 4-Chloro-3-methylphenol	8.692	107	386670	44.50	ng		88
37) 2-Methylnaphthalene	8.857	142	758995	43.86	ng		97
38) 1-Methylnaphthalene	8.957	142	706488	43.65	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	324751	43.94	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	320280	92.50	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	240481	45.88	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	260939	46.52	ng		93
46) 1,1'-Biphenyl	9.322	154	932211	45.44	ng		100
47) 2-Chloronaphthalene	9.351	162	702898	43.42	ng		100
48) 2-Nitroaniline	9.445	65	288505	49.74	ng	#	76
49) Acenaphthylene	9.769	152	1113939	45.37	ng		100
50) Dimethylphthalate	9.628	163	929324	50.25	ng		99
51) 2,6-Dinitrotoluene	9.686	165	205801	48.28	ng	#	71
52) Acenaphthene	9.939	154	882911m	52.15	ng		
53) 3-Nitroaniline	9.857	138	141546	29.92	ng	#	75
54) 2,4-Dinitrophenol	9.969	184	224399	100.22	ng		90
55) Dibenzofuran	10.110	168	1042441	45.48	ng		96
56) 4-Nitrophenol	10.022	139	147865	39.22	ng	#	63
57) 2,4-Dinitrotoluene	10.092	165	281696	49.14	ng	#	83
58) Fluorene	10.457	166	861260	47.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	216284	48.33	ng	#	84
60) Diethylphthalate	10.328	149	904631	49.39	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	404234	47.07	ng		95
62) 4-Nitroaniline	10.480	138	221548	46.52	ng		90
63) Azobenzene	10.604	77	957011	45.35	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	157143	49.77	ng		85
66) n-Nitrosodiphenylamine	10.569	169	747662	46.10	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	243565	47.64	ng		99
68) Hexachlorobenzene	11.004	284	265206	49.24	ng	#	91
69) Atrazine	11.098	200	221655	43.25	ng		98
70) Pentachlorophenol	11.204	266	319348	93.90	ng		99
71) Phenanthrene	11.422	178	1303675	47.01	ng		99
72) Anthracene	11.475	178	1327245	47.96	ng		99
73) Carbazole	11.627	167	1194263	45.83	ng		99
74) Di-n-butylphthalate	11.957	149	1396113	47.92	ng		99
75) Fluoranthene	12.616	202	1380907	46.97	ng		98
77) Benzidine	12.733	184	345365	28.17	ng		99
78) Pyrene	12.845	202	1401430	47.30	ng		99
80) Butylbenzylphthalate	13.463	149	607202	48.48	ng		95
81) Benzo(a)anthracene	14.039	228	1200498	46.54	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	273286	31.87	ng		97
83) Chrysene	14.074	228	1178057	46.50	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	820025	47.56	ng		100
85) Di-n-octyl phthalate	14.639	149	1369942	46.50	ng		96
87) Indeno(1,2,3-cd)pyrene	17.004	276	965383	43.68	ng		98
88) Benzo(b)fluoranthene	15.092	252	1117653	49.76	ng		99
89) Benzo(k)fluoranthene	15.121	252	1059153	52.02	ng		99
90) Benzo(a)pyrene	15.457	252	942157	47.05	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	812202	42.84	ng		99
92) Benzo(g,h,i)perylene	17.451	276	767239	43.94	ng		99

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

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