Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123285.D
Acq On : 23 Feb 2021 17:30
Operator : JU/CG
Sample : M1452-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:40 AM

Quant Time: Feb 23 23:53:19 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	104286	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	423771	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	220603	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	420864	20.00	ng		0.00
76) Chrysene-d12	14.045	240	341524	20.00	ng		0.00
86) Perylene-d12	15.515	264	288837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	714130	98.57	ng		0.01
7) Phenol-d6	6.493	99	904920	91.94	ng		0.00
23) Nitrobenzene-d5	7.422	82	649878	70.20	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	291915	129.95	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1108315	72.17	ng		0.00
79) Terphenyl-d14	12.986	244	1404098	79.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	89029	21.29	ng		89
3) Pyridine	3.428	79	249018	24.44	ng		94
4) n-Nitrosodimethylamine	3.357	42	151731	32.21	ng		83
6) Aniline	6.522	93	277668	23.88	ng		91
8) 2-Chlorophenol	6.645	128	283810	36.46	ng		93
9) Benzaldehyde	6.404	77	64141	8.60	ng		89
10) Phenol	6.510	94	388636	36.23	ng		99
11) bis(2-Chloroethyl)ether	6.593	93	284640	37.00	ng		96
12) 1,3-Dichlorobenzene	6.798	146	266927	32.97	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	275988	33.45	ng		94
14) 1,2-Dichlorobenzene	7.028	146	264672	34.48	ng		95
15) Benzyl Alcohol	6.998	79	289030	37.66	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	360523	34.16	ng		97
17) 2-Methylphenol	7.116	107	246774	37.69	ng		95
18) Hexachloroethane	7.369	117	99280	33.31	ng		93
19) n-Nitroso-di-n-propyla...	7.269	70	231800	39.58	ng		93
20) 3+4-Methylphenols	7.269	107	317551	36.94	ng	#	83
22) Acetophenone	7.269	105	428759	39.01	ng		93
24) Nitrobenzene	7.440	77	351998	36.06	ng		89
25) Isophorone	7.681	82	654238	37.79	ng		96
26) 2-Nitrophenol	7.757	139	152797	37.37	ng		88
27) 2,4-Dimethylphenol	7.798	122	251789	39.78	ng		92
28) bis(2-Chloroethoxy)met...	7.887	93	361138	39.86	ng		99
29) 2,4-Dichlorophenol	8.004	162	246764	37.76	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	246562	34.70	ng		99
31) Naphthalene	8.163	128	828776	35.68	ng		99
32) Benzoic acid	7.928	122	211435	45.29	ng		86
33) 4-Chloroaniline	8.210	127	140706	14.89	ng	#	93
34) Hexachlorobutadiene	8.281	225	130140	32.47	ng		99
35) Caprolactam	8.581	113	89048m	40.61	ng		
36) 4-Chloro-3-methylphenol	8.698	107	349310	44.97	ng		89
37) 2-Methylnaphthalene	8.857	142	580305	37.51	ng		97
38) 1-Methylnaphthalene	8.957	142	550976	38.08	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	257717	39.09	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	224923	72.83	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	195616	41.84	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	216172	43.21	ng	#	88
46) 1,1'-Biphenyl	9.322	154	750499	41.01	ng		99
47) 2-Chloronaphthalene	9.345	162	567398	39.30	ng		97
48) 2-Nitroaniline	9.445	65	239800	46.35	ng	#	81
49) Acenaphthylene	9.763	152	931878	42.55	ng		99
50) Dimethylphthalate	9.628	163	766853	46.48	ng		99
51) 2,6-Dinitrotoluene	9.686	165	169243	44.51	ng	#	80
52) Acenaphthene	9.939	154	711371m	47.11	ng		
53) 3-Nitroaniline	9.857	138	120788	28.62	ng		87
54) 2,4-Dinitrophenol	9.963	184	181896	91.08	ng	#	79
55) Dibenzofuran	10.110	168	862907	42.21	ng		96
56) 4-Nitrophenol	10.028	139	298198	88.68	ng	#	69
57) 2,4-Dinitrotoluene	10.092	165	235413	46.04	ng		93
58) Fluorene	10.451	166	709707	44.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	184391	46.20	ng	#	85
60) Diethylphthalate	10.328	149	756965	46.34	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	340202	44.42	ng		99
62) 4-Nitroaniline	10.475	138	185072	43.57	ng		86
63) Azobenzene	10.604	77	811998	43.14	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	126549	44.67	ng		97
66) n-Nitrosodiphenylamine	10.563	169	620164	42.61	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	201702	43.96	ng		93
68) Hexachlorobenzene	11.004	284	217433	44.99	ng		96
69) Atrazine	11.092	200	173848	37.80	ng		97
70) Pentachlorophenol	11.198	266	275178	90.17	ng		98
71) Phenanthrene	11.416	178	1097745	44.11	ng		99
72) Anthracene	11.469	178	1138532	45.85	ng		99
73) Carbazole	11.622	167	1004560	42.96	ng		99
74) Di-n-butylphthalate	11.957	149	1167226	44.64	ng		99
75) Fluoranthene	12.610	202	1185798	44.95	ng		99
77) Benzidine	12.727	184	281372	25.51	ng		97
78) Pyrene	12.839	202	1208167	45.31	ng		99
80) Butylbenzylphthalate	13.457	149	509526	45.21	ng		88
81) Benzo(a)anthracene	14.033	228	1029548	44.36	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	254575	32.99	ng	#	98
83) Chrysene	14.074	228	1013195	44.45	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	683351	44.04	ng		99
85) Di-n-octyl phthalate	14.633	149	1165399	43.96	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	838718	42.02	ng		98
88) Benzo(b)fluoranthene	15.086	252	991913	48.90	ng		99
89) Benzo(k)fluoranthene	15.121	252	872838	47.46	ng		98
90) Benzo(a)pyrene	15.457	252	809337	44.74	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	702017	40.99	ng		98
92) Benzo(g,h,i)perylene	17.451	276	679438	43.08	ng		97

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

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