Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123283.D
Acq On : 23 Feb 2021 16:24
Operator : JU/CG
Sample : M1452-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:35 AM

Quant Time: Feb 23 23:52:29 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	110924	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	460985	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	243261	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	460080	20.00	ng		0.00
76) Chrysene-d12	14.045	240	376223	20.00	ng		0.00
86) Perylene-d12	15.515	264	312605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	811511	105.31	ng		0.00
7) Phenol-d6	6.498	99	1065985	101.82	ng		0.00
23) Nitrobenzene-d5	7.422	82	714747	70.98	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	264348	106.72	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1100504	64.98	ng		0.00
79) Terphenyl-d14	12.980	244	1210723	61.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	129152	29.04	ng	#	90
3) Pyridine	3.381	79	379548	35.03	ng		95
4) n-Nitrosodimethylamine	3.328	42	197784	39.47	ng		84
6) Aniline	6.522	93	287359	23.24	ng		95
8) 2-Chlorophenol	6.645	128	380237	45.92	ng		94
9) Benzaldehyde	6.404	77	146471	24.05	ng		91
10) Phenol	6.510	94	606910	53.19	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	374848	45.81	ng		96
12) 1,3-Dichlorobenzene	6.798	146	384228	44.62	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	393676	44.85	ng		95
14) 1,2-Dichlorobenzene	7.028	146	378252	46.33	ng		95
15) Benzyl Alcohol	7.004	79	376068	46.07	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	498435	44.40	ng		98
17) 2-Methylphenol	7.116	107	318357	45.72	ng		94
18) Hexachloroethane	7.369	117	152274	48.03	ng		91
19) n-Nitroso-di-n-propyla...	7.275	70	290465	46.63	ng		95
20) 3+4-Methylphenols	7.269	107	401457	43.90	ng	#	85
22) Acetophenone	7.269	105	538505	45.03	ng	#	91
24) Nitrobenzene	7.439	77	451364	42.51	ng		89
25) Isophorone	7.681	82	791329	42.02	ng		95
26) 2-Nitrophenol	7.757	139	203697	45.80	ng	#	87
27) 2,4-Dimethylphenol	7.798	122	318090	46.20	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	475498	48.25	ng		100
29) 2,4-Dichlorophenol	8.004	162	312411	43.95	ng		96
30) 1,2,4-Trichlorobenzene	8.086	180	338492	43.79	ng		100
31) Naphthalene	8.163	128	1073185	42.48	ng		99
32) Benzoic acid	7.934	122	238209	46.90	ng	#	84
33) 4-Chloroaniline	8.210	127	87087	8.47	ng	#	91
34) Hexachlorobutadiene	8.281	225	184488	42.32	ng		99
35) Caprolactam	8.586	113	110134m	46.17	ng		
36) 4-Chloro-3-methylphenol	8.704	107	387042	45.80	ng		90
37) 2-Methylnaphthalene	8.857	142	732440	43.52	ng		99
38) 1-Methylnaphthalene	8.957	142	685952	43.58	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	320282	44.06	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	327201	96.08	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	222216	43.10	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	240464	43.59	ng	#	92
46) 1,1'-Biphenyl	9.322	154	889792	44.09	ng		100
47) 2-Chloronaphthalene	9.351	162	680420	42.73	ng		100
48) 2-Nitroaniline	9.445	65	259898	45.56	ng	#	79
49) Acenaphthylene	9.763	152	1053136	43.61	ng		100
50) Dimethylphthalate	9.628	163	854655	46.98	ng		100
51) 2,6-Dinitrotoluene	9.686	165	186185	44.41	ng	#	76
52) Acenaphthene	9.939	154	788914m	47.37	ng		
53) 3-Nitroaniline	9.857	138	95136	20.45	ng		90
54) 2,4-Dinitrophenol	9.963	184	187015	84.92	ng	#	77
55) Dibenzofuran	10.110	168	950755	42.17	ng		95
56) 4-Nitrophenol	10.028	139	322983	87.10	ng	#	63
57) 2,4-Dinitrotoluene	10.092	165	253439	44.95	ng	#	87
58) Fluorene	10.457	166	769751	43.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	200341	45.52	ng	#	86
60) Diethylphthalate	10.328	149	811792	45.07	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	371471	43.98	ng		98
62) 4-Nitroaniline	10.475	138	192314	41.06	ng		86
63) Azobenzene	10.604	77	871915	42.01	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	136775	44.16	ng		93
66) n-Nitrosodiphenylamine	10.563	169	669838	42.10	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	221230	44.11	ng	#	87
68) Hexachlorobenzene	11.004	284	235870	44.64	ng		93
69) Atrazine	11.092	200	197902	39.36	ng		98
70) Pentachlorophenol	11.198	266	286726	85.94	ng		99
71) Phenanthrene	11.422	178	1182129	43.45	ng		99
72) Anthracene	11.469	178	1214257	44.73	ng		100
73) Carbazole	11.627	167	1067596	41.76	ng		99
74) Di-n-butylphthalate	11.957	149	1282296	44.86	ng		99
75) Fluoranthene	12.610	202	1293074	44.84	ng		99
77) Benzidine	12.727	184	355788	29.28	ng		99
78) Pyrene	12.839	202	1308493	44.55	ng		99
80) Butylbenzylphthalate	13.457	149	561966	45.26	ng		88
81) Benzo(a)anthracene	14.033	228	1114224	43.58	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	224635	26.43	ng	#	97
83) Chrysene	14.074	228	1079284	42.98	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	768629	44.97	ng		99
85) Di-n-octyl phthalate	14.639	149	1288563	44.12	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	900853	41.70	ng		98
88) Benzo(b)fluoranthene	15.092	252	1045575	47.62	ng		98
89) Benzo(k)fluoranthene	15.121	252	960987	48.28	ng		99
90) Benzo(a)pyrene	15.457	252	879381	44.92	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	748433	40.38	ng		98
92) Benzo(g,h,i)perylene	17.451	276	717520	42.03	ng		98

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

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