Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125832.D
Acq On : 13 Oct 2021 18:18
Operator : JU/CG
Sample : M4178-01MS 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221MS

Manual Integrations APPROVED
mohammad
10/14/2021 10:55:34 AM

Quant Time: Oct 14 09:18:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	199885	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	732912	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	326453	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	511930	20.00	ng		# 0.00
76) Chrysene-d12	14.004	240	328292	20.00	ng		0.00
86) Perylene-d12	15.462	264	261384	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	718448	58.72	ng		0.00
7) Phenol-d6	6.469	99	863561	54.82	ng		0.00
23) Nitrobenzene-d5	7.404	82	488610	41.44	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	181364	56.27	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	942736	49.81	ng		0.00
79) Terphenyl-d14	12.945	244	848748	39.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	93928	18.03	ng	#	100
3) Pyridine	3.340	79	219049	16.25	ng	#	70
4) n-Nitrosodimethylamine	3.269	42	109883	22.65	ng	#	1
6) Aniline	6.504	93	396554	21.87	ng		95
8) 2-Chlorophenol	6.628	128	327228	24.42	ng		99
9) Benzaldehyde	6.392	77	175996	20.59	ng		94
10) Phenol	6.481	94	405132	26.45	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	298168	24.02	ng		94
12) 1,3-Dichlorobenzene	6.787	146	336690	23.03	ng		96
13) 1,4-Dichlorobenzene	6.863	146	342919	23.00	ng		98
14) 1,2-Dichlorobenzene	7.016	146	328177	23.50	ng		99
15) Benzyl Alcohol	6.981	79	241354	23.12	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	366621	23.10	ng		87
17) 2-Methylphenol	7.092	107	250346	23.47	ng		97
18) Hexachloroethane	7.357	117	87770	17.10	ng		93
19) n-Nitroso-di-n-propyla...	7.251	70	193984	23.33	ng	#	69
20) 3+4-Methylphenols	7.245	107	313711	23.84	ng		89
22) Acetophenone	7.251	105	417443	25.91	ng	#	92
24) Nitrobenzene	7.422	77	288624	25.26	ng		98
25) Isophorone	7.663	82	523421	25.06	ng		95
26) 2-Nitrophenol	7.739	139	155949	26.99	ng		90
27) 2,4-Dimethylphenol	7.775	122	270843	28.15	ng		94
28) bis(2-Chloroethoxy)met...	7.875	93	355399	24.51	ng		98
29) 2,4-Dichlorophenol	7.981	162	245175	23.65	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	265405	23.35	ng		97
31) Naphthalene	8.151	128	1084818	30.61	ng		98
32) Benzoic acid	7.857	122	138436	20.46	ng		98
33) 4-Chloroaniline	8.192	127	294538	19.86	ng		99
34) Hexachlorobutadiene	8.269	225	148800	23.43	ng		98
35) Caprolactam	8.545	113	83379	27.84	ng		92
36) 4-Chloro-3-methylphenol	8.669	107	230704	22.78	ng		97
37) 2-Methylnaphthalene	8.839	142	709424	30.91	ng		100
38) 1-Methylnaphthalene	8.939	142	637449	28.62	ng		96
40) 1,2,4,5-Tetrachloroben...	9.004	216	232551	26.54	ng		97
41) Hexachlorocyclopentadiene	8.992	237	9838	2.29	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	159720	25.15	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	159046	23.55	ng		96
46) 1,1'-Biphenyl	9.304	154	635393	26.47	ng		99
47) 2-Chloronaphthalene	9.328	162	495923	25.45	ng		96
48) 2-Nitroaniline	9.416	65	124195	26.55	ng		94
49) Acenaphthylene	9.739	152	998219	34.98	ng		98
50) Dimethylphthalate	9.598	163	567078	26.39	ng	#	98
51) 2,6-Dinitrotoluene	9.657	165	114016	26.25	ng		94
52) Acenaphthene	9.916	154	487609	27.35	ng		96
53) 3-Nitroaniline	9.828	138	126108	24.55	ng		98
54) 2,4-Dinitrophenol	9.928	184	17145	9.30	ng	#	75
55) Dibenzofuran	10.086	168	749303	28.05	ng		94
56) 4-Nitrophenol	9.980	139	186457	48.70	ng		88
57) 2,4-Dinitrotoluene	10.063	165	142589	25.96	ng	#	75
58) Fluorene	10.427	166	692643	35.41	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	113334	22.24	ng	#	90
60) Diethylphthalate	10.298	149	520172	25.37	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	226122	24.00	ng	#	86
62) 4-Nitroaniline	10.433	138	113987	24.02	ng	#	74
63) Azobenzene	10.580	77	438550	22.75	ng	#	80
65) 4,6-Dinitro-2-methylph...	10.469	198	14700	5.76	ng	#	75
66) n-Nitrosodiphenylamine	10.533	169	449498	25.74	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	129607	22.86	ng		96
68) Hexachlorobenzene	10.980	284	146855	22.86	ng	#	82
69) Atrazine	11.063	200	131841	26.01	ng		93
70) Pentachlorophenol	11.169	266	162281	47.25	ng		93
71) Phenanthrene	11.392	178	1654849	60.42	ng		97
72) Anthracene	11.439	178	982321	35.91	ng		99
73) Carbazole	11.592	167	720001	28.28	ng		99
74) Di-n-butylphthalate	11.927	149	775596	27.59	ng		98
75) Fluoranthene	12.580	202	1954723	79.09	ng		95
77) Benzidine	12.698	184	371109	30.89	ng		96
78) Pyrene	12.810	202	2000160	59.97	ng		95
80) Butylbenzylphthalate	13.421	149	324476	30.35	ng		98
81) Benzo(a)anthracene	13.992	228	1072588m	50.36	ng		
82) 3,3'-Dichlorobenzidine	13.951	252	183911	27.33	ng		98
83) Chrysene	14.027	228	1029735	48.91	ng		96
84) Bis(2-ethylhexyl)phtha...	13.986	149	413425	35.54	ng	#	99
85) Di-n-octyl phthalate	14.592	149	626038	32.30	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.921	276	678166	33.99	ng		95
88) Benzo(b)fluoranthene	15.039	252	1092375	74.02	ng		99
89) Benzo(k)fluoranthene	15.068	252	558024	36.83	ng	#	97
90) Benzo(a)pyrene	15.404	252	832334	63.69	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	392464	23.85	ng		98
92) Benzo(g,h,i)perylene	17.362	276	594172	35.36	ng		94

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

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