Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121957.D
Acq On : 14 Oct 2020 14:49
Operator : JU/CG
Sample : PB132357BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132357BS

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:08 AM

Quant Time: Oct 14 15:16:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	119845	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	453481	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	232572	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	431181	20.00	ng		-0.01
76) Chrysene-d12	13.910	240	332031	20.00	ng		0.00
86) Perylene-d12	15.339	264	259889	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	685540	84.43	ng		0.01
7) Phenol-d6	6.392	99	852900	81.60	ng		0.00
23) Nitrobenzene-d5	7.316	82	830144	93.88	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	244917	85.13	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1368591	86.58	ng		0.00
79) Terphenyl-d14	12.851	244	1579083	90.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	153209	42.90	ng		99
3) Pyridine	3.251	79	321423	34.23	ng		99
4) n-Nitrosodimethylamine	3.204	42	183919	40.52	ng		99
6) Aniline	6.410	93	380751	29.58	ng	#	44
8) 2-Chlorophenol	6.534	128	343424	41.84	ng		98
9) Benzaldehyde	6.298	77	49810	5.89	ng		99
10) Phenol	6.404	94	425078	39.41	ng		86
11) bis(2-Chloroethyl)ether	6.481	93	332688	39.89	ng		99
12) 1,3-Dichlorobenzene	6.681	146	360161	39.01	ng		99
13) 1,4-Dichlorobenzene	6.763	146	363784	39.25	ng		97
14) 1,2-Dichlorobenzene	6.916	146	329983	38.95	ng		98
15) Benzyl Alcohol	6.898	79	272838	40.36	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	504417	39.30	ng		70
17) 2-Methylphenol	7.016	107	278354	39.67	ng	#	92
18) Hexachloroethane	7.251	117	133271	39.81	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	237838	39.96	ng		96
20) 3+4-Methylphenols	7.169	107	345668	40.85	ng	#	74
22) Acetophenone	7.157	105	449632	38.54	ng		92
24) Nitrobenzene	7.334	77	373302	39.50	ng		99
25) Isophorone	7.575	82	656804	39.28	ng		99
26) 2-Nitrophenol	7.651	139	177533	40.79	ng		100
27) 2,4-Dimethylphenol	7.692	122	280558	37.81	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	408264	39.03	ng		100
29) 2,4-Dichlorophenol	7.898	162	277695	39.97	ng		96
30) 1,2,4-Trichlorobenzene	7.969	180	288865	39.10	ng		98
31) Naphthalene	8.051	128	943442	38.84	ng		100
32) Benzoic acid	7.851	122	170341	41.42	ng		97
33) 4-Chloroaniline	8.104	127	333218	32.20	ng		99
34) Hexachlorobutadiene	8.163	225	169434	38.68	ng		99
35) Caprolactam	8.486	113	92679m	42.00	ng		
36) 4-Chloro-3-methylphenol	8.598	107	309530	41.48	ng		99
37) 2-Methylnaphthalene	8.739	142	619767	39.39	ng		99
38) 1-Methylnaphthalene	8.839	142	582627	39.99	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	286273	38.14	ng		100
41) Hexachlorocyclopentadiene	8.892	237	134130	63.90	ng		100
43) 2,4,6-Trichlorophenol	9.028	196	187700	40.53	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	198639	39.71	ng		97
46) 1,1'-Biphenyl	9.204	154	730702	38.64	ng		99
47) 2-Chloronaphthalene	9.233	162	580470	39.47	ng		97
48) 2-Nitroaniline	9.333	65	210959	43.49	ng		98
49) Acenaphthylene	9.645	152	880009	38.96	ng		100
50) Dimethylphthalate	9.510	163	684033	40.22	ng		100
51) 2,6-Dinitrotoluene	9.575	165	155436	41.67	ng		98
52) Acenaphthene	9.816	154	532674	39.65	ng		99
53) 3-Nitroaniline	9.745	138	149264	35.18	ng		100
54) 2,4-Dinitrophenol	9.869	184	148262	78.11	ng		100
55) Dibenzofuran	9.986	168	766515	39.01	ng		98
56) 4-Nitrophenol	9.927	139	180695	78.29	ng	#	82
57) 2,4-Dinitrotoluene	9.986	165	193246	42.08	ng	#	86
58) Fluorene	10.333	166	628636	39.71	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	175645	45.39	ng		95
60) Diethylphthalate	10.204	149	663519	40.46	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	299412	39.44	ng		99
62) 4-Nitroaniline	10.363	138	178208	42.04	ng		95
63) Azobenzene	10.480	77	697984	40.25	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	116971	41.18	ng		99
66) n-Nitrosodiphenylamine	10.445	169	597090	40.20	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	198471	39.84	ng		98
68) Hexachlorobenzene	10.880	284	222820	39.52	ng		95
69) Atrazine	10.969	200	153750	42.33	ng		99
70) Pentachlorophenol	11.080	266	169905	76.97	ng		100
71) Phenanthrene	11.292	178	949828	40.18	ng		100
72) Anthracene	11.345	178	972593	39.66	ng		99
73) Carbazole	11.504	167	886533	40.66	ng		100
74) Di-n-butylphthalate	11.827	149	1007780	40.18	ng		99
75) Fluoranthene	12.480	202	1021981	40.32	ng		98
77) Benzidine	12.604	184	359510	35.12	ng		99
78) Pyrene	12.710	202	1023110	40.43	ng		99
80) Butylbenzylphthalate	13.321	149	425879	42.44	ng		99
81) Benzo(a)anthracene	13.898	228	898917	41.32	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	294955	36.55	ng		99
83) Chrysene	13.933	228	856692	40.11	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	556252	40.83	ng		99
85) Di-n-octyl phthalate	14.492	149	918953	41.70	ng		100
87) Indeno(1,2,3-cd)pyrene	16.756	276	719892	42.66	ng		99
88) Benzo(b)fluoranthene	14.933	252	786827	44.79	ng		100
89) Benzo(k)fluoranthene	14.962	252	718239	43.04	ng		100
90) Benzo(a)pyrene	15.286	252	663888	43.75	ng		100
91) Dibenzo(a,h)anthracene	16.762	278	592598	42.65	ng		99
92) Benzo(g,h,i)perylene	17.180	276	596393	42.89	ng		99

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

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