Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122026.D
Acq On : 20 Oct 2020 13:26
Operator : JU/CG
Sample : PB132463BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132463BS

Manual Integrations APPROVED
mohammad
10/21/2020 12:49:59 PM

Quant Time: Oct 20 14:23:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	142393	20.00	ng		-0.02
21) Naphthalene-d8	8.016	136	566816	20.00	ng		-0.01
39) Acenaphthene-d10	9.769	164	296372	20.00	ng		-0.01
64) Phenanthrene-d10	11.257	188	544877	20.00	ng		0.00
76) Chrysene-d12	13.904	240	401045	20.00	ng		0.00
86) Perylene-d12	15.333	264	333382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	761471	78.93	ng		0.00
7) Phenol-d6	6.381	99	937080	75.45	ng		-0.01
23) Nitrobenzene-d5	7.310	82	1046134	94.65	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	297205	81.07	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1756769	87.22	ng		0.00
79) Terphenyl-d14	12.845	244	2175385	103.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	142350	33.55	ng		97
3) Pyridine	3.228	79	422143	37.84	ng		100
4) n-Nitrosodimethylamine	3.199	42	234337	43.46	ng		97
6) Aniline	6.398	93	488612	31.95	ng	#	24
8) 2-Chlorophenol	6.522	128	430569	44.16	ng		96
9) Benzaldehyde	6.281	77	190106	24.24	ng		97
10) Phenol	6.398	94	528592	41.24	ng		89
11) bis(2-Chloroethyl)ether	6.469	93	430310	43.43	ng		99
12) 1,3-Dichlorobenzene	6.669	146	443759	40.46	ng		99
13) 1,4-Dichlorobenzene	6.745	146	455903	41.40	ng		99
14) 1,2-Dichlorobenzene	6.904	146	405786	40.31	ng		98
15) Benzyl Alcohol	6.887	79	348234	43.35	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.010	45	631111	41.39	ng		62
17) 2-Methylphenol	7.004	107	344819	41.36	ng	#	90
18) Hexachloroethane	7.239	117	170205	42.79	ng		95
19) n-Nitroso-di-n-propyla...	7.157	70	307577	43.50	ng		99
20) 3+4-Methylphenols	7.157	107	428371	42.61	ng	#	84
22) Acetophenone	7.151	105	580020	39.77	ng		96
24) Nitrobenzene	7.322	77	477902	40.45	ng		98
25) Isophorone	7.563	82	880065	42.11	ng		99
26) 2-Nitrophenol	7.639	139	228747	42.05	ng		97
27) 2,4-Dimethylphenol	7.681	122	380658	41.05	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	547539	41.88	ng		99
29) 2,4-Dichlorophenol	7.886	162	359252	41.37	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	374957	40.60	ng		99
31) Naphthalene	8.039	128	1210648	39.87	ng		99
32) Benzoic acid	7.857	122	224919	43.32	ng		97
33) 4-Chloroaniline	8.092	127	339873	26.28	ng		99
34) Hexachlorobutadiene	8.151	225	228858	41.80	ng		99
35) Caprolactam	8.486	113	107045m	38.81	ng		
36) 4-Chloro-3-methylphenol	8.592	107	402227	43.12	ng		99
37) 2-Methylnaphthalene	8.728	142	796311	40.49	ng		98
38) 1-Methylnaphthalene	8.828	142	737699	40.51	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	381595	39.89	ng		99
41) Hexachlorocyclopentadiene	8.881	237	237417	77.57	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	252419	42.77	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	258898	40.62	ng		98
46) 1,1'-Biphenyl	9.198	154	960466	39.86	ng		99
47) 2-Chloronaphthalene	9.222	162	745472	39.78	ng		99
48) 2-Nitroaniline	9.328	65	262958	42.54	ng		99
49) Acenaphthylene	9.633	152	1125088	39.09	ng		99
50) Dimethylphthalate	9.504	163	931258	42.97	ng		100
51) 2,6-Dinitrotoluene	9.575	165	204542	43.03	ng	#	83
52) Acenaphthene	9.810	154	692295	40.44	ng		99
53) 3-Nitroaniline	9.739	138	151670	28.05	ng		99
54) 2,4-Dinitrophenol	9.863	184	190017	78.51	ng		90
55) Dibenzofuran	9.980	168	989559	39.52	ng		98
56) 4-Nitrophenol	9.928	139	227176	77.24	ng	#	78
57) 2,4-Dinitrotoluene	9.980	165	247573	42.30	ng	#	75
58) Fluorene	10.322	166	815377	40.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	225587	45.75	ng		97
60) Diethylphthalate	10.204	149	915758	43.82	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	405093	41.87	ng		99
62) 4-Nitroaniline	10.363	138	202050	37.41	ng		92
63) Azobenzene	10.475	77	939235	42.50	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	150394	41.82	ng		92
66) n-Nitrosodiphenylamine	10.439	169	782481	41.69	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	274962	43.68	ng		98
68) Hexachlorobenzene	10.875	284	305160	42.83	ng		94
69) Atrazine	10.969	200	218206	47.55	ng		99
70) Pentachlorophenol	11.075	266	240944	85.41	ng		99
71) Phenanthrene	11.286	178	1210423	40.51	ng		100
72) Anthracene	11.339	178	1238528	39.97	ng		100
73) Carbazole	11.498	167	1098611	39.87	ng		100
74) Di-n-butylphthalate	11.822	149	1393987	43.98	ng		99
75) Fluoranthene	12.474	202	1286675	40.17	ng		98
77) Benzidine	12.598	184	656776	53.12	ng		99
78) Pyrene	12.704	202	1295713	42.40	ng		99
80) Butylbenzylphthalate	13.316	149	578662	47.74	ng		98
81) Benzo(a)anthracene	13.892	228	1108154	42.17	ng		100
82) 3,3'-Dichlorobenzidine	13.851	252	253297	25.98	ng		99
83) Chrysene	13.933	228	1074898	41.66	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	816234	49.61	ng		99
85) Di-n-octyl phthalate	14.486	149	1335959	50.19	ng		99
87) Indeno(1,2,3-cd)pyrene	16.756	276	962221	44.45	ng		99
88) Benzo(b)fluoranthene	14.927	252	1012295	44.92	ng		99
89) Benzo(k)fluoranthene	14.957	252	933378	43.60	ng		99
90) Benzo(a)pyrene	15.280	252	860679	44.22	ng		99
91) Dibenzo(a,h)anthracene	16.756	278	793354	44.51	ng		100
92) Benzo(g,h,i)perylene	17.174	276	805013	45.13	ng		98

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

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