Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122078.D
Acq On : 22 Oct 2020 12:18
Operator : JU/CG
Sample : PB132482BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132482BS

Manual Integrations APPROVED
mohammad
10/23/2020 1:31:47 PM

Quant Time: Oct 22 13:00:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	117367	20.00	ng		0.00
21) Naphthalene-d8	8.016	136	448094	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	234890	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	445035	20.00	ng		0.00
76) Chrysene-d12	13.892	240	350139	20.00	ng		0.00
86) Perylene-d12	15.321	264	301782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	911287	114.60	ng		0.02
7) Phenol-d6	6.392	99	1138835	111.25	ng		0.01
23) Nitrobenzene-d5	7.304	82	689523	78.92	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	357240	122.95	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1190073	74.55	ng		0.00
79) Terphenyl-d14	12.833	244	1386322	75.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	144707	41.37	ng		99
3) Pyridine	3.234	79	396407	43.11	ng		98
4) n-Nitrosodimethylamine	3.198	42	210278	47.31	ng		95
6) Aniline	6.398	93	390703	30.99	ng	#	30
8) 2-Chlorophenol	6.528	128	367113	45.68	ng		94
9) Benzaldehyde	6.286	77	171861	27.32	ng		97
10) Phenol	6.404	94	455687	43.13	ng		99
11) bis(2-Chloroethyl)ether	6.475	93	374164	45.81	ng		99
12) 1,3-Dichlorobenzene	6.669	146	407216	45.04	ng		99
13) 1,4-Dichlorobenzene	6.745	146	412113	45.40	ng		98
14) 1,2-Dichlorobenzene	6.898	146	370578	44.66	ng		96
15) Benzyl Alcohol	6.886	79	314995	47.57	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.010	45	555221	44.18	ng	#	48
17) 2-Methylphenol	7.004	107	304672	44.33	ng	#	89
18) Hexachloroethane	7.233	117	152972	46.66	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	274777	47.14	ng		99
20) 3+4-Methylphenols	7.157	107	390729	47.15	ng	#	77
22) Acetophenone	7.145	105	523099	45.37	ng	#	90
24) Nitrobenzene	7.322	77	426805	45.70	ng		100
25) Isophorone	7.563	82	762663	46.16	ng		98
26) 2-Nitrophenol	7.639	139	201723	46.90	ng		97
27) 2,4-Dimethylphenol	7.680	122	331287	45.19	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	473868	45.84	ng		100
29) 2,4-Dichlorophenol	7.886	162	315984	46.03	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	330674	45.30	ng		99
31) Naphthalene	8.033	128	1073880	44.74	ng		99
32) Benzoic acid	7.857	122	181352	44.03	ng		99
33) 4-Chloroaniline	8.092	127	241551	23.62	ng		99
34) Hexachlorobutadiene	8.145	225	201486	46.55	ng		99
35) Caprolactam	8.486	113	98463m	45.16	ng		
36) 4-Chloro-3-methylphenol	8.592	107	344576	46.73	ng		99
37) 2-Methylnaphthalene	8.727	142	696430	44.80	ng		98
38) 1-Methylnaphthalene	8.827	142	641174	44.54	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	331375	43.71	ng		100
41) Hexachlorocyclopentadiene	8.874	237	164310	71.62	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	211299	45.17	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	222062	43.96	ng		99
46) 1,1'-Biphenyl	9.192	154	836864	43.82	ng		98
47) 2-Chloronaphthalene	9.216	162	652635	43.94	ng		100
48) 2-Nitroaniline	9.322	65	231384	47.23	ng		94
49) Acenaphthylene	9.627	152	981739	43.04	ng		99
50) Dimethylphthalate	9.492	163	782944	45.58	ng		99
51) 2,6-Dinitrotoluene	9.569	165	174984	46.44	ng		86
52) Acenaphthene	9.798	154	603301	44.46	ng		100
53) 3-Nitroaniline	9.739	138	123543	28.83	ng		96
54) 2,4-Dinitrophenol	9.857	184	154862	80.49	ng	#	82
55) Dibenzofuran	9.974	168	855860	43.13	ng		98
56) 4-Nitrophenol	9.927	139	161206	69.16	ng		86
57) 2,4-Dinitrotoluene	9.980	165	215514	46.46	ng		91
58) Fluorene	10.316	166	706833	44.21	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	185988	47.59	ng		99
60) Diethylphthalate	10.192	149	768463	46.40	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	345492	45.06	ng		96
62) 4-Nitroaniline	10.363	138	171886	40.15	ng		97
63) Azobenzene	10.469	77	803003	45.85	ng		98
65) 4,6-Dinitro-2-methylph...	10.392	198	123312	41.97	ng		98
66) n-Nitrosodiphenylamine	10.427	169	667158	43.52	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	232600	45.24	ng		97
68) Hexachlorobenzene	10.863	284	264375	45.43	ng		99
69) Atrazine	10.957	200	188754	50.36	ng		99
70) Pentachlorophenol	11.068	266	197730	85.78	ng		99
71) Phenanthrene	11.274	178	1055487	43.25	ng		100
72) Anthracene	11.327	178	1091129	43.11	ng		100
73) Carbazole	11.492	167	986343	43.83	ng		100
74) Di-n-butylphthalate	11.810	149	1206821	46.61	ng		99
75) Fluoranthene	12.462	202	1159624	44.32	ng		99
77) Benzidine	12.592	184	498451	46.18	ng		99
78) Pyrene	12.692	202	1161137	43.52	ng		100
80) Butylbenzylphthalate	13.304	149	515244	48.69	ng		100
81) Benzo(a)anthracene	13.880	228	1061163	46.25	ng		100
82) 3,3'-Dichlorobenzidine	13.845	252	260792	30.64	ng		99
83) Chrysene	13.921	228	1002553	44.51	ng		99
84) Bis(2-ethylhexyl)phtha...	13.862	149	720400	50.15	ng	#	98
85) Di-n-octyl phthalate	14.468	149	1212593	52.18	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	879005	44.86	ng		99
88) Benzo(b)fluoranthene	14.921	252	1055250	51.73	ng		98
89) Benzo(k)fluoranthene	14.945	252	845138	43.61	ng		99
90) Benzo(a)pyrene	15.268	252	836645	47.49	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	736409	45.64	ng		98
92) Benzo(g,h,i)perylene	17.162	276	717930	44.46	ng		98

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

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