Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122098.D
Acq On : 23 Oct 2020 14:33
Operator : JU/CG
Sample : PB132577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132577BS

Manual Integrations APPROVED
mohammad
10/26/2020 10:35:08 AM

Quant Time: Oct 23 14:58:51 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	6.722	152	110544	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	437070	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	229109	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	426785	20.00	ng		0.00
76) Chrysene-d12	13.898	240	309838	20.00	ng		0.01
86) Perylene-d12	15.327	264	249057	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	841136	112.30	ng		0.01
7) Phenol-d6	6.381	99	1034524	107.30	ng		0.00
23) Nitrobenzene-d5	7.298	82	708453	83.13	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	334642	118.08	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1208530	77.61	ng		0.00
79) Terphenyl-d14	12.833	244	1470383	90.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	119601	36.31	ng		98
3) Pyridine	3.222	79	316159	36.50	ng		97
4) n-Nitrosodimethylamine	3.169	42	178461	42.63	ng		94
6) Aniline	6.392	93	358151	30.17	ng	#	26
8) 2-Chlorophenol	6.516	128	327630	43.28	ng		98
9) Benzaldehyde	6.281	77	89710	13.18	ng		100
10) Phenol	6.392	94	398657	40.07	ng	#	76
11) bis(2-Chloroethyl)ether	6.469	93	316854	41.19	ng		96
12) 1,3-Dichlorobenzene	6.663	146	341055	40.05	ng		99
13) 1,4-Dichlorobenzene	6.739	146	346543	40.53	ng		100
14) 1,2-Dichlorobenzene	6.898	146	311386	39.84	ng		99
15) Benzyl Alcohol	6.881	79	262037	42.02	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.004	45	470696	39.76	ng	#	40
17) 2-Methylphenol	6.998	107	260549	40.25	ng	#	89
18) Hexachloroethane	7.228	117	127378	41.25	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	235001	42.81	ng		99
20) 3+4-Methylphenols	7.157	107	340737	43.66	ng	#	66
22) Acetophenone	7.145	105	439010	39.04	ng	#	91
24) Nitrobenzene	7.316	77	359801	39.50	ng		99
25) Isophorone	7.557	82	641864	39.83	ng		99
26) 2-Nitrophenol	7.633	139	171154	40.80	ng		93
27) 2,4-Dimethylphenol	7.681	122	269788	37.73	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	397685	39.44	ng		99
29) 2,4-Dichlorophenol	7.881	162	273762	40.88	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	278093	39.06	ng		98
31) Naphthalene	8.033	128	909121	38.83	ng		100
32) Benzoic acid	7.851	122	154269	39.39	ng		97
33) 4-Chloroaniline	8.092	127	289133	28.99	ng		99
34) Hexachlorobutadiene	8.145	225	166419	39.41	ng		99
35) Caprolactam	8.480	113	87796m	41.28	ng		
36) 4-Chloro-3-methylphenol	8.586	107	300355	41.76	ng		98
37) 2-Methylnaphthalene	8.722	142	598464	39.46	ng		99
38) 1-Methylnaphthalene	8.822	142	563555	40.13	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	280318	37.91	ng		100
41) Hexachlorocyclopentadiene	8.875	237	123826	61.48	ng		100
43) 2,4,6-Trichlorophenol	9.010	196	181761	39.84	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	188040	38.16	ng		98
46) 1,1'-Biphenyl	9.186	154	716686	38.47	ng		99
47) 2-Chloronaphthalene	9.216	162	571763	39.47	ng		98
48) 2-Nitroaniline	9.322	65	202412	42.36	ng		97
49) Acenaphthylene	9.627	152	856994	38.52	ng		99
50) Dimethylphthalate	9.492	163	673907	40.23	ng		100
51) 2,6-Dinitrotoluene	9.563	165	150174	40.86	ng		95
52) Acenaphthene	9.798	154	521161	39.38	ng		99
53) 3-Nitroaniline	9.733	138	123056	29.44	ng		95
54) 2,4-Dinitrophenol	9.857	184	126351	68.75	ng	#	84
55) Dibenzofuran	9.969	168	746944	38.59	ng		97
56) 4-Nitrophenol	9.927	139	143541	63.13	ng		91
57) 2,4-Dinitrotoluene	9.975	165	188839	41.74	ng	#	82
58) Fluorene	10.316	166	618454	39.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	167829	44.02	ng		99
60) Diethylphthalate	10.192	149	661432	40.94	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	304107	40.66	ng		97
62) 4-Nitroaniline	10.357	138	149485	35.80	ng		93
63) Azobenzene	10.469	77	699929	40.97	ng		98
65) 4,6-Dinitro-2-methylph...	10.392	198	109308	39.13	ng		98
66) n-Nitrosodiphenylamine	10.427	169	581418	39.55	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	198539	40.27	ng		95
68) Hexachlorobenzene	10.863	284	226644	40.61	ng		98
69) Atrazine	10.957	200	173275	48.20	ng		99
70) Pentachlorophenol	11.069	266	154141	71.21	ng		97
71) Phenanthrene	11.274	178	916041	39.15	ng		99
72) Anthracene	11.327	178	953476	39.29	ng		99
73) Carbazole	11.492	167	847981	39.29	ng		100
74) Di-n-butylphthalate	11.810	149	1031714	41.55	ng		99
75) Fluoranthene	12.468	202	978756	39.01	ng		97
77) Benzidine	12.592	184	446541	46.75	ng		100
78) Pyrene	12.698	202	964091	40.83	ng		99
80) Butylbenzylphthalate	13.304	149	430890	46.02	ng		97
81) Benzo(a)anthracene	13.886	228	833374	41.05	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	201540	26.76	ng		99
83) Chrysene	13.921	228	804907	40.38	ng		100
84) Bis(2-ethylhexyl)phtha...	13.862	149	591181	46.51	ng		100
85) Di-n-octyl phthalate	14.474	149	945962	46.00	ng		100
87) Indeno(1,2,3-cd)pyrene	16.751	276	676506	41.84	ng		99
88) Benzo(b)fluoranthene	14.921	252	709969	42.17	ng		99
89) Benzo(k)fluoranthene	14.951	252	691523	43.24	ng		99
90) Benzo(a)pyrene	15.274	252	617792	42.49	ng		99
91) Dibenzo(a,h)anthracene	16.751	278	564456	42.39	ng		97
92) Benzo(g,h,i)perylene	17.168	276	556374	41.75	ng		97

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

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