Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF122228.D
Acq On : 2 Nov 2020 16:19
Operator : JU/CG
Sample : PB132765BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132765BSD

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:11 AM

Quant Time: Nov 02 18:09:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	103033	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	406731	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	211123	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	398087	20.00	ng		0.00
76) Chrysene-d12	13.886	240	304784	20.00	ng		0.00
86) Perylene-d12	15.321	264	262962	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	573915	82.21	ng		0.01
7) Phenol-d6	6.369	99	678260	75.48	ng		0.00
23) Nitrobenzene-d5	7.287	82	764532	96.40	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	205507	78.69	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	1298384	90.49	ng		0.00
79) Terphenyl-d14	12.822	244	1643334	102.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	102747	33.46	ng		96
3) Pyridine	3.199	79	286148	35.45	ng		98
4) n-Nitrosodimethylamine	3.163	42	158824	40.70	ng		90
6) Aniline	6.381	93	274772	24.83	ng	#	17
8) 2-Chlorophenol	6.504	128	300454	42.58	ng		99
9) Benzaldehyde	6.269	77	83820	13.22	ng		99
10) Phenol	6.381	94	368553	39.74	ng		80
11) bis(2-Chloroethyl)ether	6.451	93	300422	41.90	ng		98
12) 1,3-Dichlorobenzene	6.645	146	319297	40.23	ng		100
13) 1,4-Dichlorobenzene	6.722	146	326561	40.98	ng		98
14) 1,2-Dichlorobenzene	6.881	146	290936	39.94	ng		98
15) Benzyl Alcohol	6.875	79	261015	44.91	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.987	45	444479	40.29	ng	#	32
17) 2-Methylphenol	6.992	107	244367	40.51	ng	#	88
18) Hexachloroethane	7.210	117	121271	42.13	ng		98
19) n-Nitroso-di-n-propyla...	7.134	70	226027	44.18	ng		97
20) 3+4-Methylphenols	7.151	107	330933	45.49	ng	#	60
22) Acetophenone	7.128	105	425115	40.62	ng	#	90
24) Nitrobenzene	7.304	77	337438	39.81	ng		99
25) Isophorone	7.539	82	596437	39.77	ng		98
26) 2-Nitrophenol	7.622	139	159397	40.83	ng		97
27) 2,4-Dimethylphenol	7.669	122	259755	39.03	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	369627	39.40	ng		100
29) 2,4-Dichlorophenol	7.875	162	254434	40.83	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	259188	39.12	ng		98
31) Naphthalene	8.016	128	858337	39.39	ng		100
32) Benzoic acid	7.845	122	128786	36.12	ng		97
33) 4-Chloroaniline	8.081	127	187488	20.20	ng		99
34) Hexachlorobutadiene	8.128	225	161312	41.06	ng		99
35) Caprolactam	8.469	113	83081m	41.98	ng		
36) 4-Chloro-3-methylphenol	8.581	107	279772	41.80	ng		96
37) 2-Methylnaphthalene	8.710	142	557660	39.52	ng		99
38) 1-Methylnaphthalene	8.804	142	520532	39.83	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	267276	39.22	ng		100
41) Hexachlorocyclopentadiene	8.851	237	98806	56.43	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	166257	39.54	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	155951	34.35	ng		98
46) 1,1'-Biphenyl	9.169	154	677743	39.48	ng		99
47) 2-Chloronaphthalene	9.198	162	528029	39.55	ng		99
48) 2-Nitroaniline	9.310	65	188841	42.88	ng		94
49) Acenaphthylene	9.610	152	797640	38.90	ng		100
50) Dimethylphthalate	9.475	163	619893	40.15	ng		99
51) 2,6-Dinitrotoluene	9.551	165	138244	40.82	ng		93
52) Acenaphthene	9.781	154	485003	39.77	ng		98
53) 3-Nitroaniline	9.728	138	91987	23.88	ng		99
54) 2,4-Dinitrophenol	9.851	184	112509	66.72	ng	#	82
55) Dibenzofuran	9.957	168	718756	40.30	ng		97
56) 4-Nitrophenol	9.928	139	59962m	28.62	ng		
57) 2,4-Dinitrotoluene	9.963	165	187354	44.94	ng		91
58) Fluorene	10.298	166	593251	41.28	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	147683	42.04	ng		98
60) Diethylphthalate	10.175	149	634643	42.63	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	288081	41.80	ng		95
62) 4-Nitroaniline	10.351	138	139142	36.16	ng		95
63) Azobenzene	10.451	77	654741	41.59	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	99211	38.19	ng		92
66) n-Nitrosodiphenylamine	10.410	169	547044	39.89	ng		98
67) 4-Bromophenyl-phenylether	10.775	248	189672	41.24	ng		97
68) Hexachlorobenzene	10.851	284	212357	40.79	ng		93
69) Atrazine	10.945	200	152391	45.45	ng		99
70) Pentachlorophenol	11.057	266	121251	61.30	ng		99
71) Phenanthrene	11.263	178	873521	40.02	ng		100
72) Anthracene	11.316	178	909220	40.16	ng		100
73) Carbazole	11.480	167	807270	40.10	ng		100
74) Di-n-butylphthalate	11.792	149	995664	42.99	ng		99
75) Fluoranthene	12.451	202	953190	40.73	ng		99
77) Benzidine	12.580	184	314633	33.48	ng		99
78) Pyrene	12.680	202	961420	41.39	ng		99
80) Butylbenzylphthalate	13.292	149	420166	45.62	ng		99
81) Benzo(a)anthracene	13.874	228	821895	41.15	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	180120	24.31	ng		99
83) Chrysene	13.916	228	788751	40.23	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	589306	47.13	ng		99
85) Di-n-octyl phthalate	14.457	149	959151	47.42	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	690923	40.47	ng		98
88) Benzo(b)fluoranthene	14.915	252	754658	42.46	ng		98
89) Benzo(k)fluoranthene	14.939	252	664666	39.36	ng		99
90) Benzo(a)pyrene	15.263	252	621452	40.48	ng		98
91) Dibenzo(a,h)anthracene	16.739	278	577367	41.07	ng		99
92) Benzo(g,h,i)perylene	17.168	276	570826	40.57	ng		97

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

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