Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122852.D
Acq On : 24 Dec 2020 12:41
Operator : JU/CG
Sample : PB133798BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133798BS

Manual Integrations APPROVED
mohammad
12/28/2020 11:07:32 PM

Quant Time: Dec 24 13:29:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	178306	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	658104	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	363212	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	610561	20.00	ng		0.00
76) Chrysene-d12	13.992	240	527836	20.00	ng		0.00
86) Perylene-d12	15.451	264	482619	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1173360	104.18	ng		0.03
7) Phenol-d6	6.469	99	1534780	102.75	ng		0.01
23) Nitrobenzene-d5	7.386	82	929667	70.78	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	515213	108.37	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1745706	65.01	ng		0.00
79) Terphenyl-d14	12.933	244	1904260	63.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	218704	41.31	ng		98
3) Pyridine	3.463	79	589620	42.14	ng		99
4) n-Nitrosodimethylamine	3.428	42	244486	43.57	ng		99
6) Aniline	6.492	93	503952	28.66	ng		99
8) 2-Chlorophenol	6.610	128	518862	41.80	ng		100
9) Benzaldehyde	6.369	77	49982	5.53	ng		99
10) Phenol	6.481	94	610289	39.43	ng		95
11) bis(2-Chloroethyl)ether	6.563	93	500264	42.31	ng		99
12) 1,3-Dichlorobenzene	6.763	146	602912	41.05	ng		99
13) 1,4-Dichlorobenzene	6.839	146	612175	41.33	ng		99
14) 1,2-Dichlorobenzene	6.992	146	563422	39.41	ng		100
15) Benzyl Alcohol	6.969	79	432505	42.05	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	644880	38.25	ng		94
17) 2-Methylphenol	7.081	107	446689	45.27	ng		96
18) Hexachloroethane	7.334	117	226416	42.90	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	362583	42.38	ng		97
20) 3+4-Methylphenols	7.239	107	515856	41.38	ng		94
22) Acetophenone	7.234	105	703405	42.99	ng	#	95
24) Nitrobenzene	7.404	77	563906	43.16	ng		98
25) Isophorone	7.651	82	1022868	45.21	ng		98
26) 2-Nitrophenol	7.722	139	307755	48.29	ng		96
27) 2,4-Dimethylphenol	7.763	122	512775	54.90	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	656796	42.39	ng		99
29) 2,4-Dichlorophenol	7.969	162	473837	43.44	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	500611	40.50	ng		100
31) Naphthalene	8.128	128	1559299	42.94	ng		99
32) Benzoic acid	7.916	122	360189	48.39	ng		99
33) 4-Chloroaniline	8.175	127	379781	25.02	ng		99
34) Hexachlorobutadiene	8.245	225	312240	41.05	ng		98
35) Caprolactam	8.569	113	132122m	40.21	ng		
36) 4-Chloro-3-methylphenol	8.669	107	468468	43.60	ng		96
37) 2-Methylnaphthalene	8.822	142	1019327	42.43	ng		99
38) 1-Methylnaphthalene	8.916	142	940569	41.39	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	481987	40.06	ng		99
41) Hexachlorocyclopentadiene	8.975	237	413041	77.65	ng		99
43) 2,4,6-Trichlorophenol	9.104	196	328896	39.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	336829	39.22	ng	99
46) 1,1'-Biphenyl	9.286	154	1249823	41.46	ng	99
47) 2-Chloronaphthalene	9.310	162	996035	39.88	ng	100
48) 2-Nitroaniline	9.410	65	288820	39.67	ng	97
49) Acenaphthylene	9.727	152	1536760	41.66	ng	99
50) Dimethylphthalate	9.586	163	1214951	41.88	ng	99
51) 2,6-Dinitrotoluene	9.651	165	275997	45.05	ng	97
52) Acenaphthene	9.898	154	910806	38.16	ng	99
53) 3-Nitroaniline	9.822	138	185860	26.25	ng	99
54) 2,4-Dinitrophenol	9.933	184	287270	95.91	ng	97
55) Dibenzofuran	10.069	168	1365323	40.67	ng	100
56) 4-Nitrophenol	9.998	139	373828	74.06	ng	93
57) 2,4-Dinitrotoluene	10.057	165	349954	42.88	ng	95
58) Fluorene	10.410	166	1035551	38.78	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	294113	38.98	ng	99
60) Diethylphthalate	10.286	149	1115968	39.55	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	503810	38.32	ng	98
62) 4-Nitroaniline	10.439	138	270431	37.63	ng	99
63) Azobenzene	10.563	77	1041001	40.14	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	203421	54.64	ng	94
66) n-Nitrosodiphenylamine	10.522	169	982397	45.54	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	328347	39.69	ng	95
68) Hexachlorobenzene	10.963	284	361318	39.50	ng	99
69) Atrazine	11.051	200	251398	35.88	ng	99
70) Pentachlorophenol	11.157	266	382244	78.88	ng	98
71) Phenanthrene	11.374	178	1474471	40.64	ng	100
72) Anthracene	11.427	178	1515280	42.11	ng	99
73) Carbazole	11.580	167	1353025	41.46	ng	100
74) Di-n-butylphthalate	11.910	149	1612839	39.33	ng	99
75) Fluoranthene	12.563	202	1550485	40.75	ng	99
77) Benzidine	12.680	184	557186	48.80	ng	99
78) Pyrene	12.792	202	1566171	38.38	ng	100
80) Butylbenzylphthalate	13.404	149	694119	37.76	ng	96
81) Benzo(a)anthracene	13.980	228	1467012	41.59	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	456647	36.14	ng	99
83) Chrysene	14.021	228	1463636	41.69	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1017497	40.42	ng	100
85) Di-n-octyl phthalate	14.574	149	1693338	40.55	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1509060	47.64	ng	100
88) Benzo(b)fluoranthene	15.033	252	1560498	46.08	ng	99
89) Benzo(k)fluoranthene	15.062	252	1404703	45.37	ng	99
90) Benzo(a)pyrene	15.392	252	1299750	43.87	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1252004	48.29	ng	99
92) Benzo(g,h,i)perylene	17.351	276	1239743	49.40	ng	99

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

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