Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122759.D
Acq On : 17 Dec 2020 12:23
Operator : JU/CG
Sample : PB133640BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133640BS

Manual Integrations APPROVED
mohammad
12/18/2020 10:25:39 AM

Quant Time: Dec 17 13:40:17 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	6.822	152	166193	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	624458	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	336840	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	622208	20.00	ng	0.00
76) Chrysene-d12	13.992	240	518236	20.00	ng	0.00
86) Perylene-d12	15.445	264	455386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1184575	112.84	ng	0.02
7) Phenol-d6	6.463	99	1518562	109.07	ng	0.00
23) Nitrobenzene-d5	7.387	82	857532	68.80	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	498359	113.03	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1650758	66.29	ng	0.00
79) Terphenyl-d14	12.933	244	1908604	64.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	193414	39.20	ng	97
3) Pyridine	3.404	79	520973	39.95	ng	97
4) n-Nitrosodimethylamine	3.363	42	216080	41.32	ng	96
6) Aniline	6.487	93	500530	30.54	ng	99
8) 2-Chlorophenol	6.610	128	501950	43.38	ng	97
9) Benzaldehyde	6.369	77	44881	5.33	ng	95
10) Phenol	6.475	94	594320	41.20	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	485524	44.05	ng	100
12) 1,3-Dichlorobenzene	6.763	146	565735	41.32	ng	99
13) 1,4-Dichlorobenzene	6.840	146	566992	41.07	ng	99
14) 1,2-Dichlorobenzene	6.992	146	526246	39.49	ng	99
15) Benzyl Alcohol	6.969	79	406623	42.42	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	601748	38.29	ng	97
17) 2-Methylphenol	7.081	107	418066	45.45	ng	98
18) Hexachloroethane	7.334	117	204773	41.62	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	328840	41.23	ng	98
20) 3+4-Methylphenols	7.234	107	489322	42.11	ng	99
22) Acetophenone	7.234	105	657608	42.35	ng	95
24) Nitrobenzene	7.404	77	523552	42.23	ng	100
25) Isophorone	7.645	82	952097	44.35	ng	99
26) 2-Nitrophenol	7.722	139	285305	47.18	ng	93
27) 2,4-Dimethylphenol	7.763	122	445369	50.25	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	606859	41.28	ng	98
29) 2,4-Dichlorophenol	7.969	162	443154	42.81	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	484366	41.30	ng	100
31) Naphthalene	8.128	128	1470102	42.66	ng	99
32) Benzoic acid	7.910	122	312219	44.21	ng	99
33) 4-Chloroaniline	8.175	127	381830	26.51	ng	100
34) Hexachlorobutadiene	8.245	225	284051	39.35	ng	99
35) Caprolactam	8.557	113	135627m	43.50	ng	
36) 4-Chloro-3-methylphenol	8.669	107	455553	44.68	ng	98
37) 2-Methylnaphthalene	8.822	142	991805	43.51	ng	98
38) 1-Methylnaphthalene	8.922	142	911840	42.29	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	461200	41.34	ng	99
41) Hexachlorocyclopentadiene	8.975	237	378143	76.66	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	311121	40.38	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	339035	42.57	ng	95
46) 1,1'-Biphenyl	9.286	154	1180354	42.22	ng	98
47) 2-Chloronaphthalene	9.310	162	937518	40.48	ng	99
48) 2-Nitroaniline	9.404	65	269221	39.87	ng	93
49) Acenaphthylene	9.728	152	1437543	42.02	ng	99
50) Dimethylphthalate	9.586	163	1110086	41.27	ng	99
51) 2,6-Dinitrotoluene	9.651	165	251584	44.28	ng	99
52) Acenaphthene	9.898	154	1008596m	45.57	ng	
53) 3-Nitroaniline	9.816	138	177703	27.07	ng	96
54) 2,4-Dinitrophenol	9.933	184	272375	98.05	ng	92
55) Dibenzofuran	10.069	168	1291287	41.47	ng	99
56) 4-Nitrophenol	9.992	139	383515	81.93	ng	95
57) 2,4-Dinitrotoluene	10.057	165	332214	43.90	ng	99
58) Fluorene	10.416	166	990262	39.99	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	299009	42.73	ng	98
60) Diethylphthalate	10.286	149	1090007	41.66	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	482195	39.55	ng	97
62) 4-Nitroaniline	10.439	138	255715	38.37	ng	93
63) Azobenzene	10.563	77	986424	41.01	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	188374	49.65	ng	98
66) n-Nitrosodiphenylamine	10.522	169	925265	42.09	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	340451	40.38	ng	95
68) Hexachlorobenzene	10.963	284	375717	40.31	ng	96
69) Atrazine	11.051	200	254351	35.62	ng	99
70) Pentachlorophenol	11.157	266	404886	81.99	ng	99
71) Phenanthrene	11.375	178	1494392	40.41	ng	100
72) Anthracene	11.427	178	1535797	41.88	ng	99
73) Carbazole	11.580	167	1386389	41.69	ng	100
74) Di-n-butylphthalate	11.910	149	1654865	39.60	ng	99
75) Fluoranthene	12.563	202	1610243	41.53	ng	100
77) Benzidine	12.680	184	511149	45.60	ng	99
78) Pyrene	12.792	202	1630221	40.69	ng	99
80) Butylbenzylphthalate	13.410	149	713923	39.56	ng	95
81) Benzo(a)anthracene	13.980	228	1440111	41.58	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	450129	36.29	ng	99
83) Chrysene	14.021	228	1437757	41.71	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	963688	38.99	ng	99
85) Di-n-octyl phthalate	14.580	149	1655853	40.39	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1474483	49.33	ng	100
88) Benzo(b)fluoranthene	15.033	252	1609314	50.37	ng	99
89) Benzo(k)fluoranthene	15.063	252	1352660	46.30	ng	99
90) Benzo(a)pyrene	15.392	252	1340343	47.95	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1217962	49.78	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1233467	52.09	ng	100

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

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