Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
Data File : BF122911.D
Acq On : 4 Jan 2021 16:19
Operator : JU/CG
Sample : PB133893BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133893BS

Manual Integrations APPROVED
mohammad
1/5/2021 12:29:38 PM

Quant Time: Jan 05 08:23:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	125854	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	461891	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	230258	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	409997	20.00	ng		0.00
76) Chrysene-d12	14.015	240	325202	20.00	ng		0.00
86) Perylene-d12	15.486	264	331077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	916331	115.27	ng		0.02
7) Phenol-d6	6.469	99	1085548	102.96	ng		0.00
23) Nitrobenzene-d5	7.392	82	692807	75.15	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	342426	113.61	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1283757	75.41	ng		0.00
79) Terphenyl-d14	12.951	244	1369181	73.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	122994	32.92	ng		99
3) Pyridine	3.387	79	357999	36.25	ng		97
4) n-Nitrosodimethylamine	3.340	42	150750	38.06	ng		99
6) Aniline	6.487	93	339609	27.36	ng	#	65
8) 2-Chlorophenol	6.610	128	381743	43.57	ng		98
9) Benzaldehyde	6.369	77	75404	11.82	ng		99
10) Phenol	6.481	94	422170	38.64	ng		89
11) bis(2-Chloroethyl)ether	6.557	93	348080	41.71	ng		98
12) 1,3-Dichlorobenzene	6.763	146	422275	40.73	ng		98
13) 1,4-Dichlorobenzene	6.839	146	427900	40.93	ng		99
14) 1,2-Dichlorobenzene	6.992	146	407545	40.39	ng		99
15) Benzyl Alcohol	6.969	79	300910	41.45	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	413625	34.75	ng		76
17) 2-Methylphenol	7.086	107	296407	42.56	ng		96
18) Hexachloroethane	7.334	117	150903	40.51	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	236675	39.19	ng		99
20) 3+4-Methylphenols	7.239	107	357384	40.62	ng		92
22) Acetophenone	7.234	105	483579	42.11	ng	#	96
24) Nitrobenzene	7.410	77	373017	40.67	ng		99
25) Isophorone	7.651	82	663703	41.80	ng		98
26) 2-Nitrophenol	7.728	139	203228	45.44	ng		95
27) 2,4-Dimethylphenol	7.769	122	318318	48.55	ng		100
28) bis(2-Chloroethoxy)met...	7.857	93	425450	39.13	ng		100
29) 2,4-Dichlorophenol	7.975	162	313496	40.95	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	351063	40.47	ng		99
31) Naphthalene	8.133	128	1062666	41.69	ng		100
32) Benzoic acid	7.916	122	184586	35.34	ng		97
33) 4-Chloroaniline	8.181	127	199671	18.74	ng		100
34) Hexachlorobutadiene	8.245	225	206618	38.70	ng		99
35) Caprolactam	8.563	113	92750m	40.22	ng		
36) 4-Chloro-3-methylphenol	8.681	107	319164	42.32	ng		99
37) 2-Methylnaphthalene	8.828	142	700080	41.52	ng		98
38) 1-Methylnaphthalene	8.928	142	645299	40.46	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	331752	43.50	ng		99
41) Hexachlorocyclopentadiene	8.980	237	244431	72.49	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	212929	40.43	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	229272	42.11	ng		98
46) 1,1'-Biphenyl	9.292	154	834545	43.67	ng		97
47) 2-Chloronaphthalene	9.316	162	652950	41.24	ng		99
48) 2-Nitroaniline	9.416	65	181742	39.37	ng		93
49) Acenaphthylene	9.733	152	1002603	42.87	ng		99
50) Dimethylphthalate	9.592	163	777435	42.28	ng		100
51) 2,6-Dinitrotoluene	9.657	165	176778	45.52	ng		93
52) Acenaphthene	9.904	154	585109	38.67	ng		99
53) 3-Nitroaniline	9.827	138	101989	22.73	ng		95
54) 2,4-Dinitrophenol	9.951	184	155842	82.07	ng	#	88
55) Dibenzofuran	10.080	168	896791	42.14	ng		97
56) 4-Nitrophenol	10.010	139	214207	66.94	ng		95
57) 2,4-Dinitrotoluene	10.069	165	223499	43.20	ng		96
58) Fluorene	10.422	166	715005	42.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	195214	40.81	ng		99
60) Diethylphthalate	10.292	149	753689	42.14	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	347322	41.67	ng		99
62) 4-Nitroaniline	10.451	138	176178	38.67	ng		94
63) Azobenzene	10.575	77	672806	40.92	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	120962	48.38	ng		92
66) n-Nitrosodiphenylamine	10.533	169	638509	44.07	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	231350	41.64	ng	#	91
68) Hexachlorobenzene	10.974	284	258202	42.04	ng		98
69) Atrazine	11.063	200	183633	39.03	ng		100
70) Pentachlorophenol	11.174	266	238346	73.25	ng		99
71) Phenanthrene	11.386	178	1052594	43.20	ng		99
72) Anthracene	11.439	178	1091871	45.19	ng		99
73) Carbazole	11.598	167	960332	43.83	ng		99
74) Di-n-butylphthalate	11.921	149	1131198	41.08	ng		99
75) Fluoranthene	12.580	202	1082647	42.37	ng		100
77) Benzidine	12.698	184	380694	54.12	ng		99
78) Pyrene	12.810	202	1101970	43.83	ng		98
80) Butylbenzylphthalate	13.427	149	469820	41.48	ng		93
81) Benzo(a)anthracene	14.004	228	973641	44.80	ng		98
82) 3,3'-Dichlorobenzidine	13.963	252	223509	28.71	ng		100
83) Chrysene	14.045	228	954090	44.11	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	654428	42.20	ng		99
85) Di-n-octyl phthalate	14.598	149	1101556	42.82	ng		97
87) Indeno(1,2,3-cd)pyrene	16.980	276	1098002	50.52	ng		100
88) Benzo(b)fluoranthene	15.062	252	988431	42.55	ng		98
89) Benzo(k)fluoranthene	15.092	252	987708	46.50	ng		99
90) Benzo(a)pyrene	15.433	252	908490	44.70	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	898204	50.50	ng		100
92) Benzo(g,h,i)perylene	17.421	276	929890	54.02	ng		99

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

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