Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122617.D
Acq On : 9 Dec 2020 18:25
Operator : JU/CG
Sample : PB133495BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133495BS

Manual Integrations APPROVED
mohammad
12/10/2020 2:43:10 PM

Quant Time: Dec 10 02:49:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	196002	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	728079	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	376132	20.00	ng		0.00
64) Phenanthrene-d10	11.368	188	667903	20.00	ng		0.00
76) Chrysene-d12	14.009	240	516395	20.00	ng		0.00
86) Perylene-d12	15.468	264	435542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1325259	107.04	ng		0.01
7) Phenol-d6	6.481	99	1644563	100.16	ng		0.00
23) Nitrobenzene-d5	7.410	82	1061242	73.03	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	511410	103.87	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1901966	68.39	ng		0.00
79) Terphenyl-d14	12.951	244	2202966	74.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	201308	34.59	ng		99
3) Pyridine	3.398	79	526480	34.23	ng		98
4) n-Nitrosodimethylamine	3.351	42	243908	39.54	ng		99
6) Aniline	6.504	93	653997	33.84	ng		99
8) 2-Chlorophenol	6.628	128	563747	41.31	ng		97
10) Phenol	6.492	94	656441	38.58	ng		98
11) bis(2-Chloroethyl)ether	6.581	93	524480	40.35	ng		98
12) 1,3-Dichlorobenzene	6.786	146	609561	37.75	ng		99
13) 1,4-Dichlorobenzene	6.857	146	619895	38.08	ng		97
14) 1,2-Dichlorobenzene	7.016	146	578358	36.80	ng		99
15) Benzyl Alcohol	6.986	79	443929	39.27	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	690723	37.27	ng		99
17) 2-Methylphenol	7.098	107	438263	40.40	ng		99
18) Hexachloroethane	7.357	117	219179	37.78	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	360794	38.36	ng		97
20) 3+4-Methylphenols	7.251	107	518604	37.84	ng		98
22) Acetophenone	7.251	105	687088	37.95	ng	#	94
24) Nitrobenzene	7.428	77	568930	39.36	ng		99
25) Isophorone	7.669	82	1005434	40.17	ng		98
26) 2-Nitrophenol	7.745	139	295371	41.89	ng		90
27) 2,4-Dimethylphenol	7.780	122	448412	43.39	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	647550	37.78	ng		100
29) 2,4-Dichlorophenol	7.986	162	466866	38.69	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	508428	37.18	ng		99
31) Naphthalene	8.151	128	1536880	38.25	ng		100
32) Benzoic acid	7.916	122	293115	35.60	ng		96
33) 4-Chloroaniline	8.198	127	526609	31.35	ng		99
34) Hexachlorobutadiene	8.269	225	302957	36.00	ng		100
35) Caprolactam	8.569	113	140435m	38.64	ng		
36) 4-Chloro-3-methylphenol	8.680	107	475616	40.01	ng		99
37) 2-Methylnaphthalene	8.839	142	1026649	38.63	ng		99
38) 1-Methylnaphthalene	8.939	142	973241	38.71	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	477878	38.36	ng		99
41) Hexachlorocyclopentadiene	8.992	237	494396	89.75	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	328936	38.23	ng		99
44) 2,4,5-Trichlorophenol	9.169	196	353793	39.78	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	1219899	39.08	ng		99
47) 2-Chloronaphthalene	9.327	162	978975	37.85	ng		99
48) 2-Nitroaniline	9.427	65	289149	38.35	ng		99
49) Acenaphthylene	9.745	152	1484265	38.85	ng		100
50) Dimethylphthalate	9.610	163	1142415	38.03	ng		99
51) 2,6-Dinitrotoluene	9.669	165	258686	40.77	ng		99
52) Acenaphthene	9.916	154	1035191m	41.88	ng		
53) 3-Nitroaniline	9.833	138	223895	30.54	ng		94
54) 2,4-Dinitrophenol	9.945	184	259689	83.72	ng		97
55) Dibenzofuran	10.086	168	1338145	38.49	ng		100
56) 4-Nitrophenol	10.004	139	397500	76.04	ng		91
57) 2,4-Dinitrotoluene	10.074	165	340426	40.28	ng		92
58) Fluorene	10.433	166	1018518	36.83	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	307362	39.33	ng		99
60) Diethylphthalate	10.304	149	1087943	37.24	ng		99
61) 4-Chlorophenyl-phenyle...	10.421	204	504340	37.04	ng		99
62) 4-Nitroaniline	10.451	138	268167	36.04	ng		98
63) Azobenzene	10.580	77	1041200	38.77	ng		100
65) 4,6-Dinitro-2-methylph...	10.480	198	186777	45.86	ng		93
66) n-Nitrosodiphenylamine	10.539	169	938865	39.78	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	346922	38.33	ng		96
68) Hexachlorobenzene	10.980	284	380323	38.01	ng		99
69) Atrazine	11.069	200	225613	29.44	ng		98
70) Pentachlorophenol	11.174	266	408727	77.10	ng		98
71) Phenanthrene	11.392	178	1523331	38.38	ng		100
72) Anthracene	11.445	178	1571858	39.93	ng		100
73) Carbazole	11.598	167	1401900	39.27	ng		99
74) Di-n-butylphthalate	11.927	149	1661660	37.05	ng		100
75) Fluoranthene	12.580	202	1581316	37.99	ng		100
77) Benzidine	12.698	184	608357	54.47	ng		99
78) Pyrene	12.810	202	1573577	39.41	ng		99
80) Butylbenzylphthalate	13.427	149	671112	37.32	ng		96
81) Benzo(a)anthracene	13.998	228	1356328	39.30	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	476778	38.57	ng	#	98
83) Chrysene	14.039	228	1354909	39.45	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	908872	36.91	ng		99
85) Di-n-octyl phthalate	14.598	149	1525747	37.35	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1271808	44.49	ng		99
88) Benzo(b)fluoranthene	15.045	252	1294594	42.36	ng		99
89) Benzo(k)fluoranthene	15.074	252	1290373	46.18	ng		99
90) Benzo(a)pyrene	15.409	252	1165358	43.59	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	1062167	45.39	ng		99
92) Benzo(g,h,i)perylene	17.368	276	1024345	45.23	ng		99

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

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