Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122897.D
Acq On : 31 Dec 2020 15:24
Operator : JU/CG
Sample : PB133881BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133881BS

Manual Integrations APPROVED
mohammad
1/4/2021 11:51:31 AM

Quant Time: Dec 31 15:49:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:13:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	171221	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	680253	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	376052	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	697461	20.00	ng		0.02
76) Chrysene-d12	14.015	240	568972	20.00	ng		0.03
86) Perylene-d12	15.486	264	527443	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1084742	100.30	ng		0.02
7) Phenol-d6	6.469	99	1364173	95.11	ng		0.01
23) Nitrobenzene-d5	7.392	82	877665	64.64	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	464253	94.31	ng		0.02
45) 2-Fluorobiphenyl	9.192	172	1653401	59.47	ng		0.00
79) Terphenyl-d14	12.951	244	1874739	57.68	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	149851	29.48	ng		99
3) Pyridine	3.428	79	430432	32.04	ng		98
4) n-Nitrosodimethylamine	3.387	42	189638	35.20	ng		99
6) Aniline	6.486	93	372172	22.04	ng	#	70
8) 2-Chlorophenol	6.610	128	474749	39.83	ng		98
9) Benzaldehyde	6.369	77	104035	11.98	ng		99
10) Phenol	6.481	94	534306	35.95	ng		93
11) bis(2-Chloroethyl)ether	6.557	93	438382	38.61	ng		100
12) 1,3-Dichlorobenzene	6.763	146	501920	35.58	ng		99
13) 1,4-Dichlorobenzene	6.839	146	503576	35.41	ng		99
14) 1,2-Dichlorobenzene	6.992	146	485876	35.39	ng		99
15) Benzyl Alcohol	6.975	79	382213	38.70	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	509098	31.44	ng		81
17) 2-Methylphenol	7.086	107	380276	40.13	ng		95
18) Hexachloroethane	7.333	117	181595	35.83	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	298588	36.34	ng		100
20) 3+4-Methylphenols	7.239	107	456463	38.13	ng		95
22) Acetophenone	7.233	105	598046	35.36	ng	#	98
24) Nitrobenzene	7.410	77	473603	35.06	ng		99
25) Isophorone	7.651	82	857070	36.65	ng		99
26) 2-Nitrophenol	7.728	139	256448	38.93	ng		96
27) 2,4-Dimethylphenol	7.769	122	409589	42.42	ng		100
28) bis(2-Chloroethoxy)met...	7.857	93	542902	33.90	ng		100
29) 2,4-Dichlorophenol	7.975	162	407769	36.16	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	435346	34.08	ng		99
31) Naphthalene	8.133	128	1327284	35.36	ng		100
32) Benzoic acid	7.928	122	264500	34.38	ng		99
33) 4-Chloroaniline	8.180	127	211675	13.49	ng		99
34) Hexachlorobutadiene	8.245	225	257234	32.71	ng		99
35) Caprolactam	8.569	113	139830m	41.17	ng		
36) 4-Chloro-3-methylphenol	8.680	107	427024	38.45	ng		98
37) 2-Methylnaphthalene	8.827	142	895869	36.08	ng		98
38) 1-Methylnaphthalene	8.927	142	832423	35.44	ng		100
40) 1,2,4,5-Tetrachloroben...	8.992	216	422979	33.96	ng		100
41) Hexachlorocyclopentadiene	8.980	237	343981	62.46	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	285098	33.14	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	308363	34.68	ng	98
46) 1,1'-Biphenyl	9.292	154	1074033	34.41	ng	98
47) 2-Chloronaphthalene	9.316	162	858163	33.19	ng	99
48) 2-Nitroaniline	9.416	65	249970	33.16	ng	94
49) Acenaphthylene	9.733	152	1317503	34.50	ng	99
50) Dimethylphthalate	9.598	163	1055734	35.15	ng	100
51) 2,6-Dinitrotoluene	9.663	165	238136	37.54	ng	99
52) Acenaphthene	9.904	154	783649	31.71	ng	98
53) 3-Nitroaniline	9.827	138	124794	17.03	ng	93
54) 2,4-Dinitrophenol	9.951	184	248871	80.25	ng	92
55) Dibenzofuran	10.080	168	1172641	33.74	ng	99
56) 4-Nitrophenol	10.016	139	319680	61.17	ng	97
57) 2,4-Dinitrotoluene	10.074	165	299891	35.49	ng	96
58) Fluorene	10.421	166	947749	34.28	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	263135	33.68	ng	99
60) Diethylphthalate	10.298	149	1023593	35.04	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	455855	33.49	ng	99
62) 4-Nitroaniline	10.457	138	242574	32.61	ng	93
63) Azobenzene	10.574	77	920940	34.30	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	179683	42.25	ng	100
66) n-Nitrosodiphenylamine	10.533	169	880566	35.73	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	317858	33.63	ng	94
68) Hexachlorobenzene	10.974	284	353128	33.80	ng	99
69) Atrazine	11.063	200	257414	32.16	ng	99
70) Pentachlorophenol	11.174	266	343334	62.02	ng	99
71) Phenanthrene	11.392	178	1427654	34.44	ng	99
72) Anthracene	11.439	178	1488452	36.21	ng	99
73) Carbazole	11.598	167	1339199	35.93	ng	99
74) Di-n-butylphthalate	11.921	149	1568785	33.49	ng	99
75) Fluoranthene	12.580	202	1535760	35.33	ng	100
77) Benzidine	12.704	184	615854	50.04	ng	99
78) Pyrene	12.810	202	1543362	35.08	ng	100
80) Butylbenzylphthalate	13.427	149	676430	34.14	ng	97
81) Benzo(a)anthracene	14.004	228	1383692	36.39	ng	98
82) 3,3'-Dichlorobenzidine	13.962	252	273020	20.05	ng	99
83) Chrysene	14.045	228	1329330	35.13	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	937818	34.56	ng	100
85) Di-n-octyl phthalate	14.604	149	1556338	34.58	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1226124	35.41	ng	99
88) Benzo(b)fluoranthene	15.062	252	1439884	38.91	ng	99
89) Benzo(k)fluoranthene	15.098	252	1164058	34.40	ng	98
90) Benzo(a)pyrene	15.433	252	1149788	35.51	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	1011180	35.68	ng	99
92) Benzo(g,h,i)perylene	17.415	276	1025676	37.40	ng	99

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

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