Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122542.D
Acq On : 4 Dec 2020 12:47
Operator : JU/CG
Sample : PB133400BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133400BS

Manual Integrations APPROVED
mohammad
12/7/2020 1:58:41 PM

Quant Time: Dec 04 13:27:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	195856	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	766000	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	420012	20.00	ng	0.00
64) Phenanthrene-d10	11.375	188	772287	20.00	ng	0.00
76) Chrysene-d12	14.021	240	624043	20.00	ng	0.00
86) Perylene-d12	15.480	264	565979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1436921	112.65	ng	0.02
7) Phenol-d6	6.492	99	1852758	111.03	ng	0.00
23) Nitrobenzene-d5	7.416	82	1185736	94.77	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	619649	137.46	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2188472	81.41	ng	0.00
79) Terphenyl-d14	12.963	244	2390044	81.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	205207	35.08	ng	89
3) Pyridine	3.451	79	593801	36.91	ng	87
4) n-Nitrosodimethylamine	3.410	42	274390	36.18	ng	85
6) Aniline	6.516	93	632976	28.91	ng	96
8) 2-Chlorophenol	6.640	128	627561	47.44	ng	88
9) Benzaldehyde	6.398	77	344166	38.51	ng	97
10) Phenol	6.504	94	734518	44.70	ng	90
11) bis(2-Chloroethyl)ether	6.587	93	578418	44.29	ng	93
12) 1,3-Dichlorobenzene	6.792	146	662890	44.14	ng	96
13) 1,4-Dichlorobenzene	6.869	146	668899	44.34	ng	97
14) 1,2-Dichlorobenzene	7.022	146	648693	46.08	ng	100
15) Benzyl Alcohol	6.998	79	522965	44.08	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	761287	39.99	ng	94
17) 2-Methylphenol	7.110	107	510268	46.22	ng	99
18) Hexachloroethane	7.363	117	242280	46.12	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	413271	41.45	ng	92
20) 3+4-Methylphenols	7.263	107	587251	43.22	ng	92
22) Acetophenone	7.263	105	787139	39.45	ng	94
24) Nitrobenzene	7.434	77	642560	44.88	ng	96
25) Isophorone	7.675	82	1162211	41.66	ng	96
26) 2-Nitrophenol	7.751	139	328803	52.21	ng	96
27) 2,4-Dimethylphenol	7.792	122	549410	41.76	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	735040	43.08	ng	99
29) 2,4-Dichlorophenol	7.992	162	543648	46.67	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	569807	44.32	ng	96
31) Naphthalene	8.157	128	1759012	43.19	ng	99
32) Benzoic acid	7.934	122	385684	52.13	ng	99
33) 4-Chloroaniline	8.204	127	337841	19.05	ng	96
34) Hexachlorobutadiene	8.275	225	339054	45.88	ng	98
35) Caprolactam	8.586	113	175941m	47.65	ng	
36) 4-Chloro-3-methylphenol	8.692	107	574753	47.31	ng	96
37) 2-Methylnaphthalene	8.851	142	1180797	43.89	ng	98
38) 1-Methylnaphthalene	8.951	142	1104344	43.85	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	548109	42.35	ng	99
41) Hexachlorocyclopentadiene	9.004	237	649908	85.88	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	405149	48.20	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	429676	48.76	ng		99
46) 1,1'-Biphenyl	9.316	154	1427033	42.68	ng		98
47) 2-Chloronaphthalene	9.339	162	1138920	42.92	ng		98
48) 2-Nitroaniline	9.433	65	345501	44.17	ng		91
49) Acenaphthylene	9.757	152	1769967	43.40	ng		99
50) Dimethylphthalate	9.616	163	1386205	46.43	ng		99
51) 2,6-Dinitrotoluene	9.681	165	316940	47.73	ng	#	78
52) Acenaphthene	9.928	154	1241634m	49.19	ng		
53) 3-Nitroaniline	9.845	138	181173	25.72	ng		93
54) 2,4-Dinitrophenol	9.957	184	341430	102.65	ng		96
55) Dibenzofuran	10.098	168	1598469	43.22	ng		99
56) 4-Nitrophenol	10.016	139	528712	81.11	ng		90
57) 2,4-Dinitrotoluene	10.086	165	425838	50.58	ng	#	82
58) Fluorene	10.445	166	1228812	43.39	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	371829	50.74	ng		98
60) Diethylphthalate	10.316	149	1333505	45.53	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	598280	44.75	ng		95
62) 4-Nitroaniline	10.469	138	323156	43.96	ng		98
63) Azobenzene	10.592	77	1267498	41.25	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	233235	61.92	ng		95
66) n-Nitrosodiphenylamine	10.551	169	1153938	43.85	ng		94
67) 4-Bromophenyl-phenylether	10.922	248	420348	46.32	ng		97
68) Hexachlorobenzene	10.992	284	453285	46.23	ng		96
69) Atrazine	11.080	200	330221	50.39	ng		98
70) Pentachlorophenol	11.186	266	534143	94.55	ng		99
71) Phenanthrene	11.404	178	1902682	43.42	ng		99
72) Anthracene	11.457	178	1929827	42.73	ng		99
73) Carbazole	11.610	167	1755049	42.72	ng		100
74) Di-n-butylphthalate	11.939	149	1987461	45.38	ng		100
75) Fluoranthene	12.592	202	1987347	43.44	ng		98
77) Benzidine	12.710	184	859111	49.64	ng		99
78) Pyrene	12.821	202	2008699	45.82	ng		99
80) Butylbenzylphthalate	13.439	149	839543	47.77	ng		93
81) Benzo(a)anthracene	14.010	228	1731726	44.62	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	421043	29.11	ng		99
83) Chrysene	14.051	228	1724803	44.12	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1095450	51.82	ng		98
85) Di-n-octyl phthalate	14.610	149	1870877	52.22	ng		96
87) Indeno(1,2,3-cd)pyrene	16.951	276	1511359	44.50	ng		99
88) Benzo(b)fluoranthene	15.063	252	1763265	48.10	ng		99
89) Benzo(k)fluoranthene	15.092	252	1592216	44.55	ng		99
90) Benzo(a)pyrene	15.427	252	1474996	46.16	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	1243485	43.72	ng		99
92) Benzo(g,h,i)perylene	17.392	276	1226488	44.34	ng		97

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

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