Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123258.D
Acq On : 22 Feb 2021 14:38
Operator : JU/CG
Sample : PB134758BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134758BS

Manual Integrations APPROVED
mohammad
2/23/2021 3:44:03 PM

Quant Time: Feb 22 15:31:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	122754	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	491443	20.00	ng	#	0.00
39) Acenaphthene-d10	9.904	164	245512	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	463231	20.00	ng		0.00
76) Chrysene-d12	14.045	240	379366	20.00	ng		0.00
86) Perylene-d12	15.515	264	285620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1262088	147.99	ng		0.02
7) Phenol-d6	6.498	99	1315412	113.54	ng		0.00
23) Nitrobenzene-d5	7.422	82	775943	72.28	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	300957	120.39	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1239148	72.50	ng		0.00
79) Terphenyl-d14	12.986	244	1298539	65.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	216428	43.98	ng		89
3) Pyridine	3.446	79	626343	52.23	ng		94
4) n-Nitrosodimethylamine	3.399	42	308292	55.60	ng		87
6) Aniline	6.522	93	416373	30.43	ng		93
8) 2-Chlorophenol	6.645	128	406273	44.34	ng		91
9) Benzaldehyde	6.404	77	135019	18.98	ng		90
10) Phenol	6.510	94	530933	42.05	ng		90
11) bis(2-Chloroethyl)ether	6.592	93	408468	45.10	ng		95
12) 1,3-Dichlorobenzene	6.798	146	433173	45.45	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	435822	44.87	ng	#	95
14) 1,2-Dichlorobenzene	7.028	146	419018	46.37	ng		95
15) Benzyl Alcohol	7.004	79	391246	43.31	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	535524	43.11	ng		98
17) 2-Methylphenol	7.116	107	339898	44.11	ng	#	93
18) Hexachloroethane	7.369	117	170705	48.66	ng		92
19) n-Nitroso-di-n-propyla...	7.275	70	310589	45.06	ng		96
20) 3+4-Methylphenols	7.269	107	428987	42.39	ng		90
22) Acetophenone	7.269	105	589235	46.22	ng	#	91
24) Nitrobenzene	7.439	77	491056	43.38	ng		90
25) Isophorone	7.681	82	850904	42.39	ng		97
26) 2-Nitrophenol	7.757	139	214774	45.29	ng		90
27) 2,4-Dimethylphenol	7.798	122	337196	45.94	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	510860	48.62	ng		100
29) 2,4-Dichlorophenol	8.004	162	325308	42.93	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	365547	44.36	ng		98
31) Naphthalene	8.163	128	1175983	43.66	ng		99
32) Benzoic acid	7.934	122	249727	46.12	ng		89
33) 4-Chloroaniline	8.210	127	268543	24.50	ng	#	93
34) Hexachlorobutadiene	8.281	225	201139	43.28	ng		98
35) Caprolactam	8.586	113	107557m	42.30	ng		
36) 4-Chloro-3-methylphenol	8.704	107	395352	43.88	ng		92
37) 2-Methylnaphthalene	8.857	142	780456	43.50	ng		97
38) 1-Methylnaphthalene	8.957	142	732506	43.65	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	340415	46.40	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	327926	95.41	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	229976	44.20	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	242516	43.56	ng	#	90
46) 1,1'-Biphenyl	9.322	154	940388	46.17	ng		100
47) 2-Chloronaphthalene	9.345	162	718180	44.69	ng		97
48) 2-Nitroaniline	9.445	65	264441	45.93	ng	#	79
49) Acenaphthylene	9.769	152	1082193	44.40	ng		99
50) Dimethylphthalate	9.628	163	819200	44.62	ng		100
51) 2,6-Dinitrotoluene	9.686	165	185813	43.91	ng	#	76
52) Acenaphthene	9.939	154	836974m	49.80	ng		
53) 3-Nitroaniline	9.857	138	130908	27.87	ng		84
54) 2,4-Dinitrophenol	9.963	184	213468	96.04	ng	#	77
55) Dibenzofuran	10.110	168	972536	42.74	ng		95
56) 4-Nitrophenol	10.028	139	319936	85.49	ng	#	69
57) 2,4-Dinitrotoluene	10.092	165	254314	44.69	ng		88
58) Fluorene	10.451	166	774553	43.25	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	199055	44.81	ng	#	85
60) Diethylphthalate	10.328	149	808241	44.46	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	374852	43.97	ng		97
62) 4-Nitroaniline	10.475	138	195571	41.37	ng		87
63) Azobenzene	10.604	77	889824	42.48	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	140324	45.00	ng		95
66) n-Nitrosodiphenylamine	10.563	169	684145	42.71	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	219480	43.46	ng	#	87
68) Hexachlorobenzene	11.004	284	235858	44.34	ng	#	92
69) Atrazine	11.092	200	189730	37.48	ng		98
70) Pentachlorophenol	11.204	266	290909	86.60	ng		99
71) Phenanthrene	11.422	178	1169591	42.70	ng		99
72) Anthracene	11.475	178	1196720	43.78	ng		99
73) Carbazole	11.627	167	1060469	41.20	ng		100
74) Di-n-butylphthalate	11.957	149	1244131	43.23	ng		99
75) Fluoranthene	12.610	202	1267225	43.64	ng		99
77) Benzidine	12.733	184	349364	28.51	ng		100
78) Pyrene	12.839	202	1280640	43.24	ng		99
80) Butylbenzylphthalate	13.463	149	540930	43.20	ng		96
81) Benzo(a)anthracene	14.033	228	1097398	42.56	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	314268	36.67	ng		98
83) Chrysene	14.074	228	1077524	42.56	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	721991	41.89	ng		99
85) Di-n-octyl phthalate	14.639	149	1220025	41.43	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	947809	48.02	ng		97
88) Benzo(b)fluoranthene	15.092	252	1069514	53.32	ng		98
89) Benzo(k)fluoranthene	15.121	252	991426	54.51	ng		100
90) Benzo(a)pyrene	15.457	252	908463	50.79	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	808663	47.75	ng		99
92) Benzo(g,h,i)perylene	17.451	276	774617	49.66	ng		99

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

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