Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122053.D
Acq On : 21 Oct 2020 14:10
Operator : JU/CG
Sample : L4309-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMS

Manual Integrations APPROVED
mohammad
10/22/2020 12:59:08 PM

Quant Time: Oct 21 14:36:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	102650	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	410724	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	220388	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	427791	20.00	ng		0.00
76) Chrysene-d12	13.886	240	348810	20.00	ng		0.00
86) Perylene-d12	15.310	264	301381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	617278	88.75	ng		0.00
7) Phenol-d6	6.381	99	784260	87.60	ng		0.00
23) Nitrobenzene-d5	7.298	82	556271	69.46	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	226144	82.95	ng		0.00
45) 2-Fluorobiphenyl	9.087	172	986804	65.88	ng		0.00
79) Terphenyl-d14	12.827	244	1154187	63.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	127644	41.73	ng		99
3) Pyridine	3.169	79	340386	42.32	ng		99
4) n-Nitrosodimethylamine	3.134	42	188003	48.36	ng		97
6) Aniline	6.393	93	289076	26.22	ng	#	1
8) 2-Chlorophenol	6.516	128	350347	49.84	ng		98
9) Benzaldehyde	6.281	77	79080	12.39	ng		99
10) Phenol	6.393	94	442457	47.89	ng		97
11) bis(2-Chloroethyl)ether	6.463	93	345934	48.43	ng		100
12) 1,3-Dichlorobenzene	6.669	146	367646	46.49	ng		97
13) 1,4-Dichlorobenzene	6.745	146	371813	46.83	ng		98
14) 1,2-Dichlorobenzene	6.898	146	349816	48.20	ng		99
15) Benzyl Alcohol	6.881	79	309013	53.36	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.004	45	514748	46.83	ng	#	42
17) 2-Methylphenol	6.998	107	282606	47.02	ng	#	90
18) Hexachloroethane	7.234	117	139136	48.52	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	252808	49.59	ng		99
20) 3+4-Methylphenols	7.157	107	363828	50.20	ng	#	64
22) Acetophenone	7.145	105	480061	45.43	ng	#	91
24) Nitrobenzene	7.316	77	390677	45.64	ng		99
25) Isophorone	7.557	82	703192	46.44	ng		99
26) 2-Nitrophenol	7.634	139	185148	46.97	ng		95
27) 2,4-Dimethylphenol	7.681	122	302207	44.97	ng		100
28) bis(2-Chloroethoxy)met...	7.763	93	437091	46.13	ng		99
29) 2,4-Dichlorophenol	7.881	162	295039	46.89	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	300303	44.88	ng		99
31) Naphthalene	8.034	128	977665	44.43	ng		100
32) Benzoic acid	7.845	122	186397	48.44	ng		99
33) 4-Chloroaniline	8.092	127	135223	14.43	ng		97
34) Hexachlorobutadiene	8.145	225	184319	46.45	ng		99
35) Caprolactam	8.475	113	100356m	50.22	ng		
36) 4-Chloro-3-methylphenol	8.587	107	325597	48.17	ng		99
37) 2-Methylnaphthalene	8.722	142	645721	45.31	ng		99
38) 1-Methylnaphthalene	8.822	142	600104	45.48	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	314101	44.16	ng		100
41) Hexachlorocyclopentadiene	8.869	237	149802	70.42	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	202771	46.20	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	213732	45.09	ng		97
46) 1,1'-Biphenyl	9.187	154	788941	44.03	ng		99
47) 2-Chloronaphthalene	9.210	162	616329	44.23	ng		99
48) 2-Nitroaniline	9.316	65	219166	47.68	ng		95
49) Acenaphthylene	9.628	152	936485	43.75	ng		100
50) Dimethylphthalate	9.492	163	859678	53.35	ng		100
51) 2,6-Dinitrotoluene	9.563	165	167636	47.42	ng		89
52) Acenaphthene	9.798	154	570978	44.85	ng		100
53) 3-Nitroaniline	9.734	138	100417	24.98	ng		97
54) 2,4-Dinitrophenol	9.851	184	156795	86.17	ng	#	87
55) Dibenzofuran	9.969	168	818906	43.98	ng		97
56) 4-Nitrophenol	9.916	139	189613	86.70	ng	#	73
57) 2,4-Dinitrotoluene	9.975	165	210106	48.28	ng		92
58) Fluorene	10.310	166	681458	45.43	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	180358	49.18	ng		99
60) Diethylphthalate	10.186	149	753988	48.52	ng		99
61) 4-Chlorophenyl-phenyle...	10.298	204	336772	46.81	ng		94
62) 4-Nitroaniline	10.351	138	167263	41.64	ng		93
63) Azobenzene	10.463	77	775883	47.21	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	125222	44.08	ng		93
66) n-Nitrosodiphenylamine	10.422	169	643156	43.64	ng		98
67) 4-Bromophenyl-phenylether	10.786	248	224527	45.43	ng		94
68) Hexachlorobenzene	10.857	284	251447	44.95	ng		99
69) Atrazine	10.951	200	168947	46.89	ng		100
70) Pentachlorophenol	11.063	266	196186	88.28	ng		98
71) Phenanthrene	11.275	178	1046781	44.63	ng		100
72) Anthracene	11.328	178	1065439	43.79	ng		99
73) Carbazole	11.486	167	975375	45.09	ng		100
74) Di-n-butylphthalate	11.804	149	1206645	48.49	ng		99
75) Fluoranthene	12.457	202	1177495	46.82	ng		99
77) Benzidine	12.580	184	283289	26.34	ng		100
78) Pyrene	12.686	202	1190900	44.80	ng		99
80) Butylbenzylphthalate	13.298	149	532306	50.50	ng		97
81) Benzo(a)anthracene	13.874	228	1056393	46.22	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	246152	29.03	ng		99
83) Chrysene	13.916	228	1029217	45.87	ng		100
84) Bis(2-ethylhexyl)phtha...	13.857	149	755388	52.78	ng		99
85) Di-n-octyl phthalate	14.469	149	1258457	54.36	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	915579	46.79	ng		99
88) Benzo(b)fluoranthene	14.910	252	1004356	49.30	ng		99
89) Benzo(k)fluoranthene	14.939	252	888750	45.93	ng		99
90) Benzo(a)pyrene	15.257	252	820356	46.62	ng		98
91) Dibenzo(a,h)anthracene	16.727	278	755195	46.87	ng		99
92) Benzo(g,h,i)perylene	17.139	276	765821	47.49	ng		99

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

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