Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132695.D
Acq On : 08 Mar 2023 17:51
Operator : CG\JU
Sample : 01821-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 09 00:38:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

03/09/2023
Supervised By :Jagrut Upadhyay

03/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	158605	20.000	ng		0.00
21) Naphthalene-d8	8.275	136	583076	20.000	ng		0.00
39) Acenaphthene-d10	10.039	164	307850	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	575178	20.000	ng		0.00
76) Chrysene-d12	14.192	240	332820	20.000	ng		0.00
86) Perylene-d12	15.733	264	405465	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1064568	108.935	ng		0.02
7) Phenol-d6	6.622	99	1342447	105.257	ng		0.00
23) Nitrobenzene-d5	7.557	82	956037	77.792	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	385882	116.067	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1520183	75.190	ng		0.00
79) Terphenyl-d14	13.122	244	1546569	78.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	223199	41.289	ng	#	84
3) Pyridine	3.746	79	556659	38.794	ng		95
4) n-Nitrosodimethylamine	3.681	42	235535	43.456	ng		82
6) Aniline	6.657	93	465387	27.114	ng		95
8) 2-Chlorophenol	6.781	128	520665	51.334	ng		95
9) Benzaldehyde	6.546	77	143244	20.814	ng		96
10) Phenol	6.634	94	616074	42.133	ng		96
11) bis(2-Chloroethyl)ether	6.722	93	563858	49.952	ng		96
12) 1,3-Dichlorobenzene	6.934	146	518783	47.663	ng		97
13) 1,4-Dichlorobenzene	7.010	146	524835	48.291	ng		98
14) 1,2-Dichlorobenzene	7.157	146	522652	50.109	ng		100
15) Benzyl Alcohol	7.134	79	481283	48.998	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.257	45	675053	46.896	ng		97
17) 2-Methylphenol	7.240	107	425298	44.929	ng		97
18) Hexachloroethane	7.504	117	206630	48.665	ng		93
19) n-Nitroso-di-n-propyla...	7.404	70	334049	42.558	ng	#	93
20) 3+4-Methylphenols	7.393	107	478591	39.135	ng	#	87
22) Acetophenone	7.398	105	671496	45.672	ng	#	91
24) Nitrobenzene	7.575	77	593217	45.133	ng		98
25) Isophorone	7.810	82	1045023	44.352	ng		99
26) 2-Nitrophenol	7.892	139	273833	47.219	ng		94
27) 2,4-Dimethylphenol	7.922	122	428556	46.822	ng		100
28) bis(2-Chloroethoxy)met...	8.016	93	660588	47.926	ng		100
29) 2,4-Dichlorophenol	8.134	162	439054	48.223	ng		98
30) 1,2,4-Trichlorobenzene	8.216	180	477954	48.344	ng		98
31) Naphthalene	8.298	128	1389093	46.536	ng		100
32) Benzoic acid	8.034	122	124128	19.671	ng		96
33) 4-Chloroaniline	8.345	127	130847	10.229	ng	#	92
34) Hexachlorobutadiene	8.410	225	296468	47.190	ng		98
35) Caprolactam	8.722	113	131106m	43.678	ng		
36) 4-Chloro-3-methylphenol	8.828	107	460233	46.028	ng		95
37) 2-Methylnaphthalene	8.992	142	896684	44.080	ng		99
38) 1-Methylnaphthalene	9.092	142	843015	44.344	ng		99
40) 1,2,4,5-Tetrachloroben...	9.157	216	484682	48.121	ng		100
41) Hexachlorocyclopentadiene	9.139	237	412642	75.534	ng		100
43) 2,4,6-Trichlorophenol	9.269	196	324542	47.546	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	346762	43.526	ng	99
46) 1,1'-Biphenyl	9.457	154	1092621	46.892	ng	98
47) 2-Chloronaphthalene	9.481	162	885583	47.937	ng	99
48) 2-Nitroaniline	9.581	65	297864	43.778	ng	88
49) Acenaphthylene	9.898	152	1363900	46.389	ng	99
50) Dimethylphthalate	9.751	163	1066174	47.564	ng	99
51) 2,6-Dinitrotoluene	9.822	165	244445	47.885	ng	88
52) Acenaphthene	10.075	154	849570m	45.506	ng	
53) 3-Nitroaniline	9.986	138	145159	25.420	ng	98
54) 2,4-Dinitrophenol	10.098	184	100081	32.239	ng	94
55) Dibenzofuran	10.245	168	1247302	45.828	ng	99
56) 4-Nitrophenol	10.157	139	320302	75.212	ng	91
57) 2,4-Dinitrotoluene	10.228	165	317194	46.705	ng	94
58) Fluorene	10.586	166	956614	45.950	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	281701	47.601	ng	98
60) Diethylphthalate	10.451	149	1001855	45.764	ng	100
61) 4-Chlorophenyl-phenyle...	10.575	204	501159	46.403	ng	97
62) 4-Nitroaniline	10.610	138	238598	42.566	ng	94
63) Azobenzene	10.739	77	1028703	44.369	ng	98
65) 4,6-Dinitro-2-methylph...	10.639	198	102131	26.230	ng	86
66) n-Nitrosodiphenylamine	10.698	169	844863	47.116	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	310807	47.771	ng	99
68) Hexachlorobenzene	11.139	284	346871	50.668	ng	97
69) Atrazine	11.222	200	288905	51.608	ng	99
70) Pentachlorophenol	11.333	266	288414	70.809	ng	99
71) Phenanthrene	11.557	178	1391409	46.696	ng	99
72) Anthracene	11.610	178	1427060	46.508	ng	99
73) Carbazole	11.763	167	1249176	45.154	ng	100
74) Di-n-butylphthalate	12.080	149	1434992	44.220	ng	100
75) Fluoranthene	12.751	202	1331367	40.872	ng	99
77) Benzidine	12.875	184	735421	90.773	ng	99
78) Pyrene	12.986	202	1351052	44.649	ng	99
80) Butylbenzylphthalate	13.592	149	519979	43.546	ng	98
81) Benzo(a)anthracene	14.180	228	1189196	47.754	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	221608	30.185	ng	99
83) Chrysene	14.216	228	1131261	48.580	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	675872	46.076	ng	99
85) Di-n-octyl phthalate	14.774	149	1240007	57.848	ng	98
87) Indeno(1,2,3-cd)pyrene	17.339	276	1336591	50.309	ng	99
88) Benzo(b)fluoranthene	15.274	252	1348797	49.639	ng	98
89) Benzo(k)fluoranthene	15.310	252	1179836	44.366	ng	99
90) Benzo(a)pyrene	15.668	252	1163149	45.737	ng	99
91) Dibenzo(a,h)anthracene	17.351	278	1103386	50.973	ng	98
92) Benzo(g,h,i)perylene	17.821	276	1077937	44.196	ng	99

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

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