Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135755.D
Acq On : 13 Oct 2023 16:28
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF101323

Quant Time: Oct 13 17:28:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 17:12:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	109736	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	426243	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	215857	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	435309	20.000	ng	0.00
76) Chrysene-d12	13.945	240	302500	20.000	ng	0.00
86) Perylene-d12	15.415	264	296784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	579889	84.960	ng	0.00
7) Phenol-d6	6.398	99	671343	78.831	ng	0.00
23) Nitrobenzene-d5	7.316	82	632708	81.640	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	174900	84.439	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1137871	82.419	ng	0.00
79) Terphenyl-d14	12.874	244	1258057	77.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	139860	42.482	ng	99
3) Pyridine	3.175	79	333643	41.304	ng	97
4) n-Nitrosodimethylamine	3.146	42	186135	42.849	ng	96
6) Aniline	6.416	93	425659	39.717	ng	98
8) 2-Chlorophenol	6.534	128	292924	39.798	ng	98
9) Benzaldehyde	6.304	77	192668	39.749	ng	98
10) Phenol	6.410	94	366525	41.074	ng	99
11) bis(2-Chloroethyl)ether	6.487	93	283014	39.362	ng	99
12) 1,3-Dichlorobenzene	6.681	146	288893	38.716	ng	98
13) 1,4-Dichlorobenzene	6.757	146	294281	38.931	ng	99
14) 1,2-Dichlorobenzene	6.910	146	268749	39.486	ng	99
15) Benzyl Alcohol	6.898	79	225968	39.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	500993	38.527	ng	98
17) 2-Methylphenol	7.010	107	250334	39.288	ng	99
18) Hexachloroethane	7.245	117	109797	40.061	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	201174	38.205	ng	97
20) 3+4-Methylphenols	7.169	107	317467	39.966	ng	98
22) Acetophenone	7.157	105	389457	39.840	ng	98
24) Nitrobenzene	7.334	77	319583	41.088	ng	98
25) Isophorone	7.569	82	583973	39.941	ng	99
26) 2-Nitrophenol	7.645	139	159468	42.011	ng	99
27) 2,4-Dimethylphenol	7.686	122	258168	41.315	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	354625	40.728	ng	98
29) 2,4-Dichlorophenol	7.892	162	248017	42.353	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	245516	40.992	ng	98
31) Naphthalene	8.045	128	851551	40.959	ng	99
32) Benzoic acid	7.845	122	181577	42.928	ng	94
33) 4-Chloroaniline	8.104	127	386618	42.571	ng	98
34) Hexachlorobutadiene	8.151	225	144437	40.742	ng	96
35) Caprolactam	8.492	113	87492	43.705	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	280540	43.199	ng	98
37) 2-Methylnaphthalene	8.733	142	576505	42.088	ng	99
38) 1-Methylnaphthalene	8.833	142	530307	41.975	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	261950	42.187	ng	98
41) Hexachlorocyclopentadiene	8.881	237	29456	41.624	ng	97
43) 2,4,6-Trichlorophenol	9.028	196	170182	42.532	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	198169	42.582	ng		99
46) 1,1'-Biphenyl	9.204	154	691498	41.820	ng		99
47) 2-Chloronaphthalene	9.228	162	499468	41.913	ng		98
48) 2-Nitroaniline	9.339	65	204883	43.557	ng		99
49) Acenaphthylene	9.639	152	806480	40.895	ng		99
50) Dimethylphthalate	9.510	163	605141	41.528	ng		100
51) 2,6-Dinitrotoluene	9.580	165	134584	42.949	ng		99
52) Acenaphthene	9.816	154	487485	41.241	ng		99
53) 3-Nitroaniline	9.757	138	159308	41.472	ng		99
54) 2,4-Dinitrophenol	9.880	184	57815	44.199	ng		97
55) Dibenzofuran	9.986	168	738052	41.382	ng		98
56) 4-Nitrophenol	9.945	139	67275	41.092	ng		93
57) 2,4-Dinitrotoluene	9.992	165	172570	43.288	ng	#	75
58) Fluorene	10.333	166	589601	42.227	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	149968	42.640	ng		98
60) Diethylphthalate	10.210	149	623300	41.899	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	286161	42.405	ng		97
62) 4-Nitroaniline	10.375	138	154366	43.676	ng		95
63) Azobenzene	10.486	77	610294	42.226	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	99895	45.599	ng		91
66) n-Nitrosodiphenylamine	10.451	169	540587	40.743	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	177952	40.724	ng		98
68) Hexachlorobenzene	10.880	284	180858	40.652	ng		93
69) Atrazine	10.980	200	148732	41.212	ng		97
70) Pentachlorophenol	11.092	266	72825	41.504	ng		94
71) Phenanthrene	11.298	178	854380	40.971	ng		99
72) Anthracene	11.357	178	876199	40.548	ng		100
73) Carbazole	11.516	167	843314	41.845	ng		99
74) Di-n-butylphthalate	11.839	149	1009850	40.812	ng		100
75) Fluoranthene	12.498	202	943555	40.768	ng		99
77) Benzidine	12.627	184	271995	41.206	ng		99
78) Pyrene	12.727	202	952630	39.630	ng		100
80) Butylbenzylphthalate	13.351	149	426260	40.353	ng		98
81) Benzo(a)anthracene	13.933	228	809002	40.716	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	266202	40.397	ng		98
83) Chrysene	13.968	228	786224	40.853	ng		98
84) Bis(2-ethylhexyl)phtha...	13.910	149	573851	40.083	ng		99
85) Di-n-octyl phthalate	14.533	149	908904	40.036	ng		100
87) Indeno(1,2,3-cd)pyrene	16.921	276	631252	39.036	ng		98
88) Benzo(b)fluoranthene	14.992	252	695798	41.890	ng		98
89) Benzo(k)fluoranthene	15.015	252	668285	41.442	ng		99
90) Benzo(a)pyrene	15.357	252	636002	40.720	ng		100
91) Dibenzo(a,h)anthracene	16.927	278	524189	39.542	ng		100
92) Benzo(g,h,i)perylene	17.374	276	546261	40.115	ng		98

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

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