Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135180.D
Acq On : 12 Sep 2023 14:18
Operator : CG\JU
Sample : 04203-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:03:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	111688	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	443266	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	220638	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	425687	20.000	ng		0.00
76) Chrysene-d12	13.945	240	192697	20.000	ng		0.00
86) Perylene-d12	15.404	264	227797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	666660	97.082	ng		0.01
7) Phenol-d6	6.404	99	856431	98.082	ng		0.00
23) Nitrobenzene-d5	7.328	82	541732	66.398	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	230096	104.942	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	965751	66.038	ng		0.00
79) Terphenyl-d14	12.886	244	886603	71.325	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	127727	42.429	ng		99
3) Pyridine	3.304	79	318585	39.322	ng		97
4) n-Nitrosodimethylamine	3.269	42	209660	48.765	ng		97
6) Aniline	6.428	93	391188	34.164	ng	#	93
8) 2-Chlorophenol	6.551	128	365390	49.845	ng		95
9) Benzaldehyde	6.316	77	135877	27.316	ng		99
10) Phenol	6.422	94	443192	46.288	ng		92
11) bis(2-Chloroethyl)ether	6.504	93	337212	46.952	ng		99
12) 1,3-Dichlorobenzene	6.704	146	355178	47.675	ng		98
13) 1,4-Dichlorobenzene	6.781	146	361897	47.746	ng		99
14) 1,2-Dichlorobenzene	6.928	146	349776	49.692	ng		99
15) Benzyl Alcohol	6.910	79	308782	49.280	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	630929	46.605	ng		97
17) 2-Methylphenol	7.022	107	279551	43.214	ng		98
18) Hexachloroethane	7.269	117	138439	49.432	ng		94
19) n-Nitroso-di-n-propyla...	7.181	70	240088	44.391	ng		95
20) 3+4-Methylphenols	7.175	107	335811	43.171	ng		96
22) Acetophenone	7.175	105	466165	45.999	ng		98
24) Nitrobenzene	7.345	77	378618	46.951	ng		98
25) Isophorone	7.586	82	699822	46.711	ng		98
26) 2-Nitrophenol	7.663	139	192036	49.617	ng		98
27) 2,4-Dimethylphenol	7.704	122	290566	44.664	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	423286	47.204	ng		100
29) 2,4-Dichlorophenol	7.904	162	295024	48.940	ng		99
30) 1,2,4-Trichlorobenzene	7.986	180	308278	48.926	ng		99
31) Naphthalene	8.063	128	1031570	47.898	ng		100
32) Benzoic acid	7.845	122	236617	48.301	ng		99
33) 4-Chloroaniline	8.116	127	296432	31.371	ng		98
34) Hexachlorobutadiene	8.181	225	184136	48.466	ng		99
35) Caprolactam	8.498	113	102336m	50.582	ng		
36) 4-Chloro-3-methylphenol	8.610	107	330268	49.294	ng		96
37) 2-Methylnaphthalene	8.757	142	657469	45.414	ng		99
38) 1-Methylnaphthalene	8.857	142	622827	45.952	ng		98
40) 1,2,4,5-Tetrachloroben...	8.922	216	306577	47.962	ng		99
41) Hexachlorocyclopentadiene	8.910	237	273729	95.600	ng		100
43) 2,4,6-Trichlorophenol	9.039	196	213984	51.129	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	236384	49.046	ng		97
46) 1,1'-Biphenyl	9.222	154	819205	48.314	ng		99
47) 2-Chloronaphthalene	9.245	162	616854	50.141	ng		97
48) 2-Nitroaniline	9.351	65	239481	50.107	ng		99
49) Acenaphthylene	9.663	152	1013425	49.567	ng		99
50) Dimethylphthalate	9.533	163	723667	48.512	ng		100
51) 2,6-Dinitrotoluene	9.598	165	165072	50.513	ng	#	85
52) Acenaphthene	9.833	154	582020	48.188	ng		98
53) 3-Nitroaniline	9.763	138	154717	40.333	ng		97
54) 2,4-Dinitrophenol	9.880	184	175660	93.540	ng		90
55) Dibenzofuran	10.010	168	868455	47.119	ng		98
56) 4-Nitrophenol	9.939	139	261122	107.107	ng		97
57) 2,4-Dinitrotoluene	10.004	165	197845	48.360	ng		93
58) Fluorene	10.351	166	673754	47.551	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	191604	51.680	ng		100
60) Diethylphthalate	10.233	149	717059	47.897	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	310322	45.593	ng		99
62) 4-Nitroaniline	10.386	138	176553	47.881	ng		99
63) Azobenzene	10.504	77	700359	47.800	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	113120	50.032	ng		82
66) n-Nitrosodiphenylamine	10.469	169	619805	48.093	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	202022	47.717	ng		96
68) Hexachlorobenzene	10.898	284	220099	51.029	ng	#	90
69) Atrazine	11.004	200	187375	54.035	ng		97
70) Pentachlorophenol	11.098	266	208754	80.893	ng		98
71) Phenanthrene	11.316	178	975255	48.440	ng		98
72) Anthracene	11.369	178	999782	48.311	ng		99
73) Carbazole	11.527	167	934416	49.600	ng		99
74) Di-n-butylphthalate	11.863	149	1046159	47.127	ng		99
75) Fluoranthene	12.510	202	954072	45.478	ng		99
77) Benzidine	12.633	184	193239	48.949	ng		98
78) Pyrene	12.739	202	942891	51.394	ng		100
80) Butylbenzylphthalate	13.368	149	338316	52.376	ng		99
81) Benzo(a)anthracene	13.939	228	606032	48.705	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	191315	49.224	ng	#	98
83) Chrysene	13.974	228	604193	48.839	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	363272	54.805	ng		100
85) Di-n-octyl phthalate	14.551	149	592622	56.258	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	734787	49.196	ng		99
88) Benzo(b)fluoranthene	14.986	252	611532	49.591	ng		99
89) Benzo(k)fluoranthene	15.015	252	557227	45.744	ng		99
90) Benzo(a)pyrene	15.345	252	539768	45.900	ng		98
91) Dibenzo(a,h)anthracene	16.903	278	594340	48.634	ng		98
92) Benzo(g,h,i)perylene	17.333	276	602157	47.180	ng		99

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

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