Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135258.D
Acq On : 14 Sep 2023 17:21
Operator : CG\JU
Sample : 04256-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 01:23:50 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

Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/15/2023
Supervised By :mohammad ahmed
09/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	139480	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	528222	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	253892	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	493782	20.000	ng		0.00
76) Chrysene-d12	13.951	240	224006	20.000	ng		0.00
86) Perylene-d12	15.416	264	257711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	729880	85.110	ng		0.02
7) Phenol-d6	6.410	99	991340	90.911	ng		0.00
23) Nitrobenzene-d5	7.328	82	623996	64.180	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	249114	98.734	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1090561	64.805	ng		0.00
79) Terphenyl-d14	12.886	244	989261	68.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	137641	36.612	ng		99
3) Pyridine	3.322	79	328608	32.477	ng		99
4) n-Nitrosodimethylamine	3.293	42	212451	39.568	ng		97
6) Aniline	6.428	93	358904	25.099	ng	#	46
8) 2-Chlorophenol	6.551	128	384022	41.948	ng		96
9) Benzaldehyde	6.316	77	128507	20.687	ng		97
10) Phenol	6.422	94	452932	37.879	ng		91
11) bis(2-Chloroethyl)ether	6.504	93	352832	39.338	ng		100
12) 1,3-Dichlorobenzene	6.704	146	383146	41.182	ng		98
13) 1,4-Dichlorobenzene	6.781	146	389434	41.142	ng		99
14) 1,2-Dichlorobenzene	6.928	146	366494	41.693	ng		97
15) Benzyl Alcohol	6.910	79	325404	41.585	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	689949	40.810	ng		96
17) 2-Methylphenol	7.028	107	305331	37.795	ng		96
18) Hexachloroethane	7.269	117	148698	42.516	ng		94
19) n-Nitroso-di-n-propyla...	7.181	70	257864	38.178	ng		97
20) 3+4-Methylphenols	7.181	107	352289	36.265	ng		92
22) Acetophenone	7.175	105	496597	41.121	ng	#	99
24) Nitrobenzene	7.351	77	402158	41.849	ng		98
25) Isophorone	7.587	82	746809	41.831	ng		98
26) 2-Nitrophenol	7.663	139	205893	44.641	ng		98
27) 2,4-Dimethylphenol	7.704	122	307665	39.686	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	453459	42.436	ng		99
29) 2,4-Dichlorophenol	7.904	162	304308	42.361	ng		100
30) 1,2,4-Trichlorobenzene	7.987	180	330167	43.972	ng		98
31) Naphthalene	8.063	128	1063774	41.449	ng		99
32) Benzoic acid	7.851	122	253018	43.342	ng		97
33) 4-Chloroaniline	8.116	127	220724	19.602	ng		98
34) Hexachlorobutadiene	8.181	225	193847	42.816	ng		99
35) Caprolactam	8.498	113	105483m	43.752	ng		
36) 4-Chloro-3-methylphenol	8.610	107	342541	42.903	ng		99
37) 2-Methylnaphthalene	8.757	142	683254	39.605	ng		99
38) 1-Methylnaphthalene	8.857	142	640781	39.673	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	322808	43.887	ng		99
41) Hexachlorocyclopentadiene	8.904	237	250766	77.615	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	216709	44.998	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	231209	41.689	ng		100
46) 1,1'-Biphenyl	9.222	154	840523	43.079	ng		98
47) 2-Chloronaphthalene	9.251	162	629445	44.463	ng		99
48) 2-Nitroaniline	9.351	65	226385	41.163	ng		98
49) Acenaphthylene	9.663	152	981459	41.716	ng		99
50) Dimethylphthalate	9.534	163	730218	42.539	ng		99
51) 2,6-Dinitrotoluene	9.598	165	159436	42.398	ng		87
52) Acenaphthene	9.839	154	578041	41.590	ng		98
53) 3-Nitroaniline	9.763	138	133623	30.272	ng		98
54) 2,4-Dinitrophenol	9.881	184	156965	74.033	ng		98
55) Dibenzofuran	10.010	168	871950	41.112	ng		98
56) 4-Nitrophenol	9.945	139	237153	84.535	ng		91
57) 2,4-Dinitrotoluene	10.004	165	198562	42.178	ng	#	87
58) Fluorene	10.357	166	699836	42.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	189720	44.470	ng		100
60) Diethylphthalate	10.233	149	750582	43.569	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	323425	41.294	ng		98
62) 4-Nitroaniline	10.386	138	176664	41.636	ng		97
63) Azobenzene	10.510	77	729752	43.282	ng		100
65) 4,6-Dinitro-2-methylph...	10.416	198	113972	43.457	ng		94
66) n-Nitrosodiphenylamine	10.469	169	645295	43.166	ng		100
67) 4-Bromophenyl-phenylether	10.839	248	208138	42.382	ng		100
68) Hexachlorobenzene	10.904	284	222926	44.557	ng		97
69) Atrazine	11.004	200	197500	49.100	ng		98
70) Pentachlorophenol	11.098	266	202917	67.788	ng		99
71) Phenanthrene	11.322	178	973838	41.699	ng		99
72) Anthracene	11.375	178	991698	41.312	ng		99
73) Carbazole	11.533	167	910618	41.671	ng		99
74) Di-n-butylphthalate	11.863	149	1121080	43.538	ng		99
75) Fluoranthene	12.510	202	947243	38.926	ng		99
77) Benzidine	12.639	184	183695	40.028	ng		100
78) Pyrene	12.739	202	947362	44.421	ng		100
80) Butylbenzylphthalate	13.369	149	370502	49.342	ng		98
81) Benzo(a)anthracene	13.939	228	601401	41.577	ng		98
82) 3,3'-Dichlorobenzidine	13.904	252	165922	36.724	ng		98
83) Chrysene	13.974	228	589710	41.006	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	403372	52.349	ng		100
85) Di-n-octyl phthalate	14.551	149	656510	53.613	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	773144	45.756	ng		99
88) Benzo(b)fluoranthene	14.986	252	593406	42.536	ng		99
89) Benzo(k)fluoranthene	15.016	252	515862	37.433	ng		99
90) Benzo(a)pyrene	15.351	252	529094	39.770	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	627184	45.364	ng		98
92) Benzo(g,h,i)perylene	17.351	276	640057	44.328	ng		97

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

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