Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135259.D
Acq On : 14 Sep 2023 17:54
Operator : CG\JU
Sample : 04256-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 01:24:34 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-4-6MSD

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	122231	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	461799	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	223050	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	404631	20.000	ng		0.00
76) Chrysene-d12	13.951	240	191629	20.000	ng		0.00
86) Perylene-d12	15.409	264	221481	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	715884	95.258	ng		0.02
7) Phenol-d6	6.410	99	943498	98.733	ng		0.00
23) Nitrobenzene-d5	7.328	82	596275	70.150	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	238859	107.760	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1044426	70.646	ng		0.00
79) Terphenyl-d14	12.886	244	930172	75.247	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	127487	38.697	ng		99
3) Pyridine	3.322	79	304266	34.315	ng		95
4) n-Nitrosodimethylamine	3.287	42	197742	42.026	ng		98
6) Aniline	6.428	93	358319	28.594	ng	#	56
8) 2-Chlorophenol	6.551	128	370597	46.194	ng		96
9) Benzaldehyde	6.316	77	127059	23.340	ng		99
10) Phenol	6.422	94	433461	41.366	ng		90
11) bis(2-Chloroethyl)ether	6.504	93	352325	44.825	ng		99
12) 1,3-Dichlorobenzene	6.704	146	368800	45.234	ng		98
13) 1,4-Dichlorobenzene	6.781	146	373741	45.056	ng		100
14) 1,2-Dichlorobenzene	6.928	146	353940	45.946	ng		99
15) Benzyl Alcohol	6.910	79	314176	45.816	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	659836	44.537	ng		96
17) 2-Methylphenol	7.028	107	290052	40.970	ng		94
18) Hexachloroethane	7.269	117	142316	46.433	ng		93
19) n-Nitroso-di-n-propyla...	7.181	70	244560	41.318	ng		97
20) 3+4-Methylphenols	7.181	107	339671	39.901	ng	#	89
22) Acetophenone	7.175	105	480799	45.539	ng		100
24) Nitrobenzene	7.345	77	387330	46.103	ng		99
25) Isophorone	7.586	82	709788	45.475	ng		99
26) 2-Nitrophenol	7.663	139	193566	48.005	ng		98
27) 2,4-Dimethylphenol	7.704	122	294226	43.411	ng		100
28) bis(2-Chloroethoxy)met...	7.798	93	440847	47.190	ng		99
29) 2,4-Dichlorophenol	7.904	162	294934	46.962	ng		100
30) 1,2,4-Trichlorobenzene	7.986	180	312523	47.609	ng		99
31) Naphthalene	8.063	128	1019583	45.441	ng		99
32) Benzoic acid	7.845	122	240048	47.035	ng		96
33) 4-Chloroaniline	8.116	127	226153	22.973	ng		99
34) Hexachlorobutadiene	8.175	225	188570	47.641	ng		99
35) Caprolactam	8.498	113	99499m	47.206	ng		
36) 4-Chloro-3-methylphenol	8.610	107	322090	46.144	ng		98
37) 2-Methylnaphthalene	8.757	142	646659	42.875	ng		99
38) 1-Methylnaphthalene	8.857	142	618034	43.768	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	308729	47.776	ng		99
41) Hexachlorocyclopentadiene	8.904	237	242023	84.539	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	198172	46.839	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.086	196	214245	43.971	ng	98
46)	1,1'-Biphenyl	9.222	154	783489	45.708	ng	97
47)	2-Chloronaphthalene	9.245	162	588738	47.338	ng	95
48)	2-Nitroaniline	9.351	65	221321	45.806	ng	97
49)	Acenaphthylene	9.663	152	963751	46.628	ng	99
50)	Dimethylphthalate	9.533	163	707065	46.886	ng	99
51)	2,6-Dinitrotoluene	9.598	165	153765	46.544	ng	88
52)	Acenaphthene	9.833	154	558057	45.704	ng	97
53)	3-Nitroaniline	9.763	138	129687	33.443	ng	98
54)	2,4-Dinitrophenol	9.880	184	151812	80.873	ng	95
55)	Dibenzofuran	10.010	168	819789	43.998	ng	98
56)	4-Nitrophenol	9.939	139	226667	91.969	ng	98
57)	2,4-Dinitrotoluene	10.004	165	188755	45.639	ng	90
58)	Fluorene	10.351	166	648533	45.276	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.127	232	176366	47.056	ng	97
60)	Diethylphthalate	10.233	149	702493	46.416	ng	99
61)	4-Chlorophenyl-phenyle...	10.345	204	307434	44.680	ng	96
62)	4-Nitroaniline	10.386	138	159222	42.714	ng	98
63)	Azobenzene	10.510	77	671693	45.347	ng	99
65)	4,6-Dinitro-2-methylph...	10.416	198	102835	47.850	ng	87
66)	n-Nitrosodiphenylamine	10.469	169	585707	47.813	ng	100
67)	4-Bromophenyl-phenylether	10.839	248	194817	48.410	ng	98
68)	Hexachlorobenzene	10.904	284	209805	51.173	ng	99
69)	Atrazine	11.004	200	181840	55.167	ng	98
70)	Pentachlorophenol	11.098	266	179910	73.344	ng	98
71)	Phenanthrene	11.322	178	905641	47.323	ng	100
72)	Anthracene	11.369	178	917419	46.638	ng	100
73)	Carbazole	11.533	167	830787	46.394	ng	99
74)	Di-n-butylphthalate	11.863	149	1048706	49.700	ng	99
75)	Fluoranthene	12.516	202	872918	43.775	ng	97
77)	Benzidine	12.639	184	181475	46.225	ng	97
78)	Pyrene	12.739	202	866460	47.491	ng	100
80)	Butylbenzylphthalate	13.368	149	337711	52.573	ng	95
81)	Benzo(a)anthracene	13.939	228	569236	46.003	ng	99
82)	3,3'-Dichlorobenzidine	13.904	252	163165	42.215	ng	98
83)	Chrysene	13.974	228	564287	45.867	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.933	149	400553	60.766	ng	99
85)	Di-n-octyl phthalate	14.551	149	653686	62.401	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.898	276	699005	48.135	ng	99
88)	Benzo(b)fluoranthene	14.986	252	574044	47.879	ng	98
89)	Benzo(k)fluoranthene	15.015	252	497998	42.048	ng	99
90)	Benzo(a)pyrene	15.351	252	497337	43.498	ng	99
91)	Dibenzo(a,h)anthracene	16.915	278	569818	47.957	ng	97
92)	Benzo(g,h,i)perylene	17.345	276	567868	45.762	ng	99

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

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