Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135311.D
Acq On : 18 Sep 2023 17:37
Operator : CG\JU
Sample : 04336-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 00:12:32 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 :
DUCT-BANK-AMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	115158	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	438010	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	209583	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	365288	20.000	ng		0.00
76) Chrysene-d12	13.945	240	173677	20.000	ng		0.00
86) Perylene-d12	15.404	264	234122	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	698891	98.709	ng		0.01
7) Phenol-d6	6.410	99	882972	98.075	ng		0.00
23) Nitrobenzene-d5	7.322	82	555817	68.942	ng		-0.01
42) 2,4,6-Tribromophenol	10.592	330	187516	90.033	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	957140	68.901	ng		-0.01
79) Terphenyl-d14	12.880	244	640600	57.178	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	135504	43.656	ng		98
3) Pyridine	3.287	79	339825	40.679	ng		96
4) n-Nitrosodimethylamine	3.252	42	232074	52.352	ng		96
6) Aniline	6.428	93	390285	33.058	ng	#	86
8) 2-Chlorophenol	6.545	128	382316	50.582	ng		99
9) Benzaldehyde	6.316	77	150792	29.401	ng		98
10) Phenol	6.422	94	442143	44.787	ng		83
11) bis(2-Chloroethyl)ether	6.504	93	363392	49.072	ng		98
12) 1,3-Dichlorobenzene	6.698	146	382050	49.737	ng		98
13) 1,4-Dichlorobenzene	6.775	146	380780	48.724	ng		98
14) 1,2-Dichlorobenzene	6.928	146	364368	50.205	ng		98
15) Benzyl Alcohol	6.910	79	330211	51.112	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	694195	49.734	ng		93
17) 2-Methylphenol	7.022	107	298731	44.788	ng		96
18) Hexachloroethane	7.263	117	147981	51.247	ng		91
19) n-Nitroso-di-n-propyla...	7.175	70	247676	44.414	ng		91
20) 3+4-Methylphenols	7.175	107	341916	42.631	ng		97
22) Acetophenone	7.169	105	486123	48.544	ng	#	99
24) Nitrobenzene	7.345	77	398473	50.006	ng		100
25) Isophorone	7.581	82	736184	49.728	ng		99
26) 2-Nitrophenol	7.657	139	201748	52.752	ng		99
27) 2,4-Dimethylphenol	7.698	122	291032	45.272	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	447374	50.489	ng		99
29) 2,4-Dichlorophenol	7.904	162	300223	50.400	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	317759	51.036	ng		100
31) Naphthalene	8.063	128	1044672	49.088	ng		99
32) Benzoic acid	7.839	122	247700	51.170	ng		99
33) 4-Chloroaniline	8.116	127	282891	30.297	ng		99
34) Hexachlorobutadiene	8.175	225	187453	49.931	ng		98
35) Caprolactam	8.492	113	104850m	52.446	ng		
36) 4-Chloro-3-methylphenol	8.604	107	328323	49.592	ng		99
37) 2-Methylnaphthalene	8.751	142	656431	45.887	ng		99
38) 1-Methylnaphthalene	8.851	142	638393	47.665	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	310589	51.153	ng		99
41) Hexachlorocyclopentadiene	8.904	237	190097	71.879	ng		97
43) 2,4,6-Trichlorophenol	9.034	196	211638	53.236	ng		97

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44) 2,4,5-Trichlorophenol	9.081	196	227688	49.733	ng		98
46) 1,1'-Biphenyl	9.222	154	831343	51.617	ng		100
47) 2-Chloronaphthalene	9.245	162	627478	53.695	ng		100
48) 2-Nitroaniline	9.345	65	235803	51.940	ng		93
49) Acenaphthylene	9.657	152	1019734	52.506	ng		99
50) Dimethylphthalate	9.528	163	715113	50.467	ng		100
51) 2,6-Dinitrotoluene	9.592	165	160301	51.641	ng		92
52) Acenaphthene	9.833	154	580575	50.604	ng		98
53) 3-Nitroaniline	9.757	138	135549	37.200	ng		97
54) 2,4-Dinitrophenol	9.875	184	137566	78.215	ng		94
55) Dibenzofuran	10.004	168	842567	48.126	ng		98
56) 4-Nitrophenol	9.939	139	210810	91.031	ng		96
57) 2,4-Dinitrotoluene	9.998	165	183507	47.221	ng	#	81
58) Fluorene	10.351	166	658431	48.921	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	174380	49.515	ng		99
60) Diethylphthalate	10.228	149	709416	49.886	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	307623	47.580	ng		100
62) 4-Nitroaniline	10.380	138	157963	45.099	ng		98
63) Azobenzene	10.504	77	693767	49.847	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	92481	47.667	ng		94
66) n-Nitrosodiphenylamine	10.463	169	600635	54.312	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	191346	52.668	ng		96
68) Hexachlorobenzene	10.898	284	198143	53.534	ng		92
69) Atrazine	10.998	200	178953	60.139	ng		99
70) Pentachlorophenol	11.098	266	183729	82.968	ng		100
71) Phenanthrene	11.316	178	883211	51.122	ng		99
72) Anthracene	11.369	178	887514	49.977	ng		99
73) Carbazole	11.527	167	829479	51.310	ng		99
74) Di-n-butylphthalate	11.857	149	985997	51.761	ng		99
75) Fluoranthene	12.504	202	777919	43.213	ng		99
77) Benzidine	12.633	184	299906	84.288	ng		100
78) Pyrene	12.739	202	748494	45.266	ng		99
80) Butylbenzylphthalate	13.363	149	293690	50.446	ng		100
81) Benzo(a)anthracene	13.933	228	564284	50.316	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	183731	52.450	ng	#	98
83) Chrysene	13.968	228	563718	50.557	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	342602	57.347	ng		100
85) Di-n-octyl phthalate	14.545	149	637741	67.172	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	654667	42.648	ng		99
88) Benzo(b)fluoranthene	14.986	252	654972	51.679	ng		98
89) Benzo(k)fluoranthene	15.015	252	573016	45.770	ng		99
90) Benzo(a)pyrene	15.351	252	590471	48.855	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	536977	42.753	ng		99
92) Benzo(g,h,i)perylene	17.339	276	502785	38.330	ng		99

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

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