Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135694.D
Acq On : 10 Oct 2023 20:08
Operator : CG\JU
Sample : 04731-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 03:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	83190	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	313081	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	152836	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	291105	20.000	ng		0.00
76) Chrysene-d12	13.933	240	156155	20.000	ng		0.00
86) Perylene-d12	15.404	264	162516	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	452664	88.500	ng		0.01
7) Phenol-d6	6.393	99	552604	84.966	ng		0.00
23) Nitrobenzene-d5	7.304	82	339179	58.858	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	130906	86.189	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	606584	59.879	ng		0.00
79) Terphenyl-d14	12.863	244	624822	62.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.505	88	116661	52.029	ng		99
3) Pyridine	3.246	79	236390	39.172	ng		96
4) n-Nitrosodimethylamine	3.222	42	170500	53.242	ng		95
6) Aniline	6.410	93	302886	35.514	ng	#	59
8) 2-Chlorophenol	6.528	128	281305	51.520	ng		99
9) Benzaldehyde	6.298	77	151683	40.939	ng		99
10) Phenol	6.404	94	336623	47.201	ng		77
11) bis(2-Chloroethyl)ether	6.481	93	263095	49.181	ng		99
12) 1,3-Dichlorobenzene	6.675	146	286266	51.588	ng		99
13) 1,4-Dichlorobenzene	6.757	146	295124	52.275	ng		98
14) 1,2-Dichlorobenzene	6.904	146	270264	51.549	ng		99
15) Benzyl Alcohol	6.893	79	220797	47.310	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	487083	48.305	ng		68
17) 2-Methylphenol	7.010	107	213423	44.294	ng	#	89
18) Hexachloroethane	7.240	117	109567	52.525	ng		92
19) n-Nitroso-di-n-propyla...	7.157	70	185033	45.932	ng		96
20) 3+4-Methylphenols	7.163	107	275295	47.515	ng	#	74
22) Acetophenone	7.151	105	377112	52.685	ng	#	90
24) Nitrobenzene	7.328	77	287595	50.493	ng		99
25) Isophorone	7.563	82	509151	48.116	ng		98
26) 2-Nitrophenol	7.645	139	146799	53.700	ng		93
27) 2,4-Dimethylphenol	7.687	122	202688	44.111	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	316483	49.970	ng		99
29) 2,4-Dichlorophenol	7.893	162	218890	51.409	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	235973	53.024	ng		100
31) Naphthalene	8.040	128	771573	50.722	ng		99
32) Benzoic acid	7.840	122	139960	40.450	ng		95
33) 4-Chloroaniline	8.098	127	216081	32.377	ng		99
34) Hexachlorobutadiene	8.151	225	138940	51.776	ng		98
35) Caprolactam	8.475	113	75993m	53.180	ng		
36) 4-Chloro-3-methylphenol	8.598	107	237042	50.091	ng		96
37) 2-Methylnaphthalene	8.734	142	478565	46.802	ng		98
38) 1-Methylnaphthalene	8.834	142	466623	48.742	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	238466	53.857	ng		99
41) Hexachlorocyclopentadiene	8.881	237	94948	51.558	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	143033	49.338	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	153985	46.123	ng		97
46) 1,1'-Biphenyl	9.198	154	608261	51.788	ng		99
47) 2-Chloronaphthalene	9.222	162	445321	52.256	ng		97
48) 2-Nitroaniline	9.334	65	169800	51.288	ng		98
49) Acenaphthylene	9.639	152	741192	52.334	ng		99
50) Dimethylphthalate	9.504	163	516812	50.014	ng		100
51) 2,6-Dinitrotoluene	9.581	165	115543	51.042	ng	#	79
52) Acenaphthene	9.810	154	426132	50.933	ng		98
53) 3-Nitroaniline	9.751	138	102201	38.462	ng		94
54) 2,4-Dinitrophenol	9.875	184	97990	76.545	ng		98
55) Dibenzofuran	9.986	168	626878	49.101	ng		98
56) 4-Nitrophenol	9.939	139	118319	70.062	ng		96
57) 2,4-Dinitrotoluene	9.992	165	141022	49.762	ng		96
58) Fluorene	10.328	166	509768	51.938	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	116318	45.292	ng		100
60) Diethylphthalate	10.204	149	501499	48.359	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	234282	49.691	ng		95
62) 4-Nitroaniline	10.375	138	124396	48.703	ng		94
63) Azobenzene	10.481	77	512175	50.464	ng		95
65) 4,6-Dinitro-2-methylph...	10.404	198	73870	47.777	ng		95
66) n-Nitrosodiphenylamine	10.445	169	449325	50.984	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	145794	50.356	ng		92
68) Hexachlorobenzene	10.881	284	158737	53.816	ng		93
69) Atrazine	10.981	200	140454	59.229	ng		98
70) Pentachlorophenol	11.086	266	111081	62.945	ng		96
71) Phenanthrene	11.298	178	714220	51.875	ng		99
72) Anthracene	11.351	178	732534	51.762	ng		99
73) Carbazole	11.516	167	696550	54.068	ng		98
74) Di-n-butylphthalate	11.839	149	790914	52.101	ng		100
75) Fluoranthene	12.492	202	764726	53.305	ng		99
77) Benzidine	12.627	184	215492	67.360	ng		99
78) Pyrene	12.727	202	774725	52.110	ng		99
80) Butylbenzylphthalate	13.345	149	297296	56.796	ng		100
81) Benzo(a)anthracene	13.922	228	537049	53.261	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	148571	47.172	ng	#	98
83) Chrysene	13.963	228	495606	49.436	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	364400	67.840	ng		100
85) Di-n-octyl phthalate	14.521	149	500765	58.663	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	544299	51.081	ng		99
88) Benzo(b)fluoranthene	14.974	252	452054	51.384	ng		98
89) Benzo(k)fluoranthene	15.004	252	404095	46.499	ng		98
90) Benzo(a)pyrene	15.345	252	401915	47.906	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	441696	50.661	ng		98
92) Benzo(g,h,i)perylene	17.351	276	447577	49.155	ng		98

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

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