Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131969.D
Acq On : 09 Jan 2023 18:25
Operator : CG\JU
Sample : 01043-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 10 03:12:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-203MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/10/2023
Supervised By :Jagrut Upadhyay
01/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	73779	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	268322	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	158364	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	304683	20.000	ng		0.00
76) Chrysene-d12	13.980	240	158091	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	149393	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	534703	119.421	ng		0.02
7) Phenol-d6	6.434	99	696745	117.364	ng		0.00
23) Nitrobenzene-d5	7.363	82	492464	76.173	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	209513	115.064	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	841009	71.691	ng		0.00
79) Terphenyl-d14	12.921	244	918079	83.234	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	85908	43.931	ng		100
3) Pyridine	3.287	79	236308	43.056	ng		97
4) n-Nitrosodimethylamine	3.263	42	120332	46.652	ng		99
6) Aniline	6.451	93	277353	35.508	ng		89
8) 2-Chlorophenol	6.575	128	213080	47.432	ng		95
9) Benzaldehyde	6.339	77	135358	34.266	ng		96
10) Phenol	6.445	94	305847	46.183	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	225949	45.260	ng		98
12) 1,3-Dichlorobenzene	6.728	146	237482	47.462	ng		98
13) 1,4-Dichlorobenzene	6.804	146	238643	47.137	ng		98
14) 1,2-Dichlorobenzene	6.957	146	230921	48.026	ng		100
15) Benzyl Alcohol	6.939	79	236930	45.831	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	283456	44.992	ng		88
17) 2-Methylphenol	7.051	107	188911	42.493	ng		96
18) Hexachloroethane	7.298	117	100088	47.804	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	188110	43.803	ng		98
20) 3+4-Methylphenols	7.210	107	245966	43.095	ng		90
22) Acetophenone	7.204	105	349906	44.789	ng	#	97
24) Nitrobenzene	7.380	77	289979	44.058	ng		99
25) Isophorone	7.622	82	521453	43.175	ng		99
26) 2-Nitrophenol	7.692	139	115522	44.608	ng		93
27) 2,4-Dimethylphenol	7.733	122	197636	45.721	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	285141	42.657	ng		99
29) 2,4-Dichlorophenol	7.939	162	196651	44.414	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	232523	45.855	ng		97
31) Naphthalene	8.098	128	623809	43.992	ng		100
32) Benzoic acid	7.880	122	94438	37.684	ng		100
33) 4-Chloroaniline	8.151	127	143263	24.483	ng		98
34) Hexachlorobutadiene	8.210	225	153754	43.733	ng		99
35) Caprolactam	8.539	113	56350m	43.333	ng		
36) 4-Chloro-3-methylphenol	8.645	107	226947	43.672	ng		100
37) 2-Methylnaphthalene	8.792	142	425723	41.802	ng		99
38) 1-Methylnaphthalene	8.892	142	393907	41.748	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	247838	44.412	ng		98
41) Hexachlorocyclopentadiene	8.939	237	224846	81.059	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	151229	45.022	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	160457	41.032	ng		97
46) 1,1'-Biphenyl	9.257	154	541475	44.299	ng		97
47) 2-Chloronaphthalene	9.286	162	430099	45.336	ng		99
48) 2-Nitroaniline	9.386	65	152600	44.286	ng		97
49) Acenaphthylene	9.704	152	640280	43.492	ng		99
50) Dimethylphthalate	9.569	163	523223	42.386	ng		100
51) 2,6-Dinitrotoluene	9.633	165	112494	43.329	ng		87
52) Acenaphthene	9.874	154	382313	43.263	ng		98
53) 3-Nitroaniline	9.804	138	72808	28.905	ng		98
54) 2,4-Dinitrophenol	9.916	184	109197	83.767	ng		98
55) Dibenzofuran	10.045	168	597532	42.896	ng		97
56) 4-Nitrophenol	9.980	139	132634	93.484	ng		96
57) 2,4-Dinitrotoluene	10.039	165	153501	44.221	ng		96
58) Fluorene	10.392	166	481029	43.229	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	132410	45.442	ng		92
60) Diethylphthalate	10.269	149	509109	41.942	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	264231	41.480	ng		96
62) 4-Nitroaniline	10.427	138	95520	42.173	ng		97
63) Azobenzene	10.545	77	566058	43.961	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	80838	41.142	ng		90
66) n-Nitrosodiphenylamine	10.504	169	410547	42.949	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	160399	42.083	ng		93
68) Hexachlorobenzene	10.933	284	173031	44.877	ng	#	91
69) Atrazine	11.039	200	155441	44.717	ng		97
70) Pentachlorophenol	11.139	266	148233	72.524	ng		99
71) Phenanthrene	11.357	178	689458	43.408	ng		100
72) Anthracene	11.410	178	708534	43.332	ng		99
73) Carbazole	11.568	167	593623	43.852	ng		99
74) Di-n-butylphthalate	11.892	149	788259	41.819	ng		99
75) Fluoranthene	12.551	202	738587	41.347	ng		99
77) Benzidine	12.674	184	250447	47.685	ng		97
78) Pyrene	12.780	202	733635	50.880	ng		100
80) Butylbenzylphthalate	13.398	149	266555	45.799	ng		97
81) Benzo(a)anthracene	13.968	228	497959	43.295	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	85701	23.875	ng		98
83) Chrysene	14.009	228	467703	43.511	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	330947	41.972	ng		99
85) Di-n-octyl phthalate	14.568	149	477036	44.212	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	502521	54.847	ng		100
88) Benzo(b)fluoranthene	15.021	252	437446m	42.692	ng		
89) Benzo(k)fluoranthene	15.051	252	406766	39.777	ng		98
90) Benzo(a)pyrene	15.380	252	376586	40.791	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	424173	55.227	ng		99
92) Benzo(g,h,i)perylene	17.350	276	414454	50.219	ng		99

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

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