Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135000.D
Acq On : 30 Aug 2023 12:06
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 31 03:34:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	142219	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	584301	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	308356	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	585235	20.000	ng		0.00
76) Chrysene-d12	13.957	240	403827	20.000	ng		0.00
86) Perylene-d12	15.427	264	314731	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	108436	11.777	ng		0.00
7) Phenol-d6	6.404	99	135833	11.836	ng		-0.01
23) Nitrobenzene-d5	7.328	82	114299	10.990	ng		-0.02
42) 2,4,6-Tribromophenol	10.598	330	37917	11.592	ng		-0.01
45) 2-Fluorobiphenyl	9.128	172	233682	12.338	ng		-0.01
79) Terphenyl-d14	12.898	244	268723	10.859	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	20714	5.311	ng		97
3) Pyridine	3.251	79	53089	5.049	ng	#	90
4) n-Nitrosodimethylamine	3.181	42	26572	5.168	ng	#	93
6) Aniline	6.434	93	81268	5.712	ng		99
8) 2-Chlorophenol	6.557	128	53799	5.751	ng		97
10) Phenol	6.416	94	71939	5.971	ng		86
11) bis(2-Chloroethyl)ether	6.510	93	51524	5.679	ng		97
12) 1,3-Dichlorobenzene	6.710	146	54916	5.698	ng		100
13) 1,4-Dichlorobenzene	6.792	146	55718	5.777	ng		97
14) 1,2-Dichlorobenzene	6.939	146	53956	5.994	ng		98
15) Benzyl Alcohol	6.910	79	46032	5.854	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	88441	5.821	ng		98
17) 2-Methylphenol	7.022	107	46545	5.710	ng		98
18) Hexachloroethane	7.281	117	19714	5.517	ng		96
19) n-Nitroso-di-n-propyla...	7.175	70	39262	5.759	ng		92
20) 3+4-Methylphenols	7.175	107	58919	6.127	ng	#	85
22) Acetophenone	7.181	105	75851	5.836	ng	#	93
24) Nitrobenzene	7.351	77	57282	5.369	ng		99
25) Isophorone	7.586	82	105940	5.372	ng		96
26) 2-Nitrophenol	7.669	139	25753	4.886	ng		99
27) 2,4-Dimethylphenol	7.704	122	46475	5.477	ng		97
28) bis(2-Chloroethoxy)met...	7.804	93	66430	5.585	ng		96
29) 2,4-Dichlorophenol	7.910	162	42967	5.327	ng		97
30) 1,2,4-Trichlorobenzene	7.992	180	47577	5.459	ng		99
31) Naphthalene	8.075	128	165003	5.781	ng		99
32) Benzoic acid	7.775	122	30970m	4.550	ng		
33) 4-Chloroaniline	8.122	127	69567	5.572	ng		95
34) Hexachlorobutadiene	8.192	225	27113	5.481	ng		98
35) Caprolactam	8.457	113	14024	5.311	ng		95
36) 4-Chloro-3-methylphenol	8.604	107	47783	5.455	ng		99
37) 2-Methylnaphthalene	8.763	142	111034	5.830	ng		100
38) 1-Methylnaphthalene	8.863	142	103070	5.784	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	48180	5.582	ng		98
43) 2,4,6-Trichlorophenol	9.045	196	30437	5.250	ng		98
44) 2,4,5-Trichlorophenol	9.080	196	36853	5.491	ng		95
46) 1,1'-Biphenyl	9.233	154	136600	5.798	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.251	162	98930	5.584	ng	100
48) 2-Nitroaniline	9.351	65	30612	5.048	ng	92
49) Acenaphthylene	9.669	152	153311	5.725	ng	99
50) Dimethylphthalate	9.527	163	120512	5.581	ng	99
51) 2,6-Dinitrotoluene	9.592	165	23809	5.025	ng	91
52) Acenaphthene	9.839	154	97550m	5.716	ng	
53) 3-Nitroaniline	9.763	138	29206	5.292	ng	100
54) 2,4-Dinitrophenol	9.875	184	7362	3.251	ng	92
55) Dibenzofuran	10.016	168	146478	5.950	ng	96
56) 4-Nitrophenol	9.927	139	19209	4.952	ng	92
57) 2,4-Dinitrotoluene	9.998	165	31952	5.412	ng	97
58) Fluorene	10.357	166	115215	6.139	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	29113	5.633	ng	98
60) Diethylphthalate	10.233	149	116660	5.740	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	57500	6.194	ng	91
62) 4-Nitroaniline	10.374	138	29101	5.389	ng	95
63) Azobenzene	10.516	77	116194	5.678	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	14260	4.026	ng	94
66) n-Nitrosodiphenylamine	10.469	169	101862	5.598	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	33601	5.413	ng	99
68) Hexachlorobenzene	10.910	284	34796	5.421	ng	97
69) Atrazine	11.004	200	30245	4.866	ng	98
70) Pentachlorophenol	11.104	266	19630	5.055	ng	95
71) Phenanthrene	11.327	178	173967	5.762	ng	98
72) Anthracene	11.374	178	180058	5.837	ng	98
73) Carbazole	11.533	167	154597	5.810	ng	99
74) Di-n-butylphthalate	11.874	149	189291	5.902	ng	99
75) Fluoranthene	12.521	202	185786	6.086	ng	99
77) Benzidine	12.645	184	62896	8.640	ng	99
78) Pyrene	12.751	202	189997	4.955	ng	98
80) Butylbenzylphthalate	13.380	149	68076	4.915	ng	99
81) Benzo(a)anthracene	13.945	228	156616	5.686	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	47802	5.751	ng	97
83) Chrysene	13.980	228	148482	5.485	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	74921	5.227	ng	99
85) Di-n-octyl phthalate	14.562	149	99689	4.556	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	86221	4.067	ng	96
88) Benzo(b)fluoranthene	14.998	252	110693	5.652	ng	99
89) Benzo(k)fluoranthene	15.021	252	109204	5.772	ng	99
90) Benzo(a)pyrene	15.362	252	97829	5.378	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	69732	4.061	ng	95
92) Benzo(g,h,i)perylene	17.345	276	69744	3.906	ng	96

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

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