Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134537.D
Acq On : 01 Aug 2023 08:22
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 02 02:09:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	207455	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	827784	20.000	ng	#	0.00
39) Acenaphthene-d10	9.822	164	421573	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	768983	20.000	ng	#	0.00
76) Chrysene-d12	13.951	240	612073	20.000	ng	#	-0.01
86) Perylene-d12	15.410	264	605165	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	154981	11.356	ng		-0.01
7) Phenol-d6	6.410	99	197490	11.320	ng		-0.02
23) Nitrobenzene-d5	7.345	82	106746	8.059	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	37987	8.839	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.898	244	357226	10.289	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	33224	5.291	ng		97
3) Pyridine	3.299	79	91524	5.379	ng		95
4) n-Nitrosodimethylamine	3.234	42	41393	5.091	ng	#	68
6) Aniline	6.451	93	126084	5.510	ng		91
8) 2-Chlorophenol	6.569	128	76882	5.585	ng		98
9) Benzaldehyde	6.340	77	62013	4.724	ng		97
10) Phenol	6.422	94	96803	5.630	ng		77
11) bis(2-Chloroethyl)ether	6.528	93	76856	5.628	ng		92
12) 1,3-Dichlorobenzene	6.734	146	81540	5.725	ng		94
13) 1,4-Dichlorobenzene	6.810	146	81976	5.742	ng		97
14) 1,2-Dichlorobenzene	6.957	146	78239	5.882	ng		98
15) Benzyl Alcohol	6.928	79	67808	5.634	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	119585	5.589	ng		88
17) 2-Methylphenol	7.034	107	65902	5.417	ng		92
18) Hexachloroethane	7.304	117	26900	5.369	ng		98
19) n-Nitroso-di-n-propyla...	7.192	70	57731	5.527	ng		98
20) 3+4-Methylphenols	7.187	107	86146	5.872	ng	#	67
22) Acetophenone	7.192	105	112080	5.865	ng	#	88
24) Nitrobenzene	7.363	77	61796	4.318	ng		96
25) Isophorone	7.604	82	153962	5.329	ng		97
26) 2-Nitrophenol	7.681	139	13407	6.774	ng		96
27) 2,4-Dimethylphenol	7.716	122	68384	5.305	ng		83
28) bis(2-Chloroethoxy)met...	7.822	93	93021	5.382	ng		97
29) 2,4-Dichlorophenol	7.916	162	58890	5.033	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	67395	5.402	ng		95
31) Naphthalene	8.092	128	231957	5.576	ng		99
33) 4-Chloroaniline	8.139	127	99595	5.373	ng		96
34) Hexachlorobutadiene	8.210	225	39538	5.494	ng		99
35) Caprolactam	8.463	113	17241	4.566	ng		96
36) 4-Chloro-3-methylphenol	8.610	107	63438	5.120	ng		91
37) 2-Methylnaphthalene	8.781	142	157289	5.704	ng		96
38) 1-Methylnaphthalene	8.881	142	145470	5.673	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	67849	5.535	ng		99
41) Hexachlorocyclopentadiene	8.934	237	25989	4.360	ng		96
43) 2,4,6-Trichlorophenol	9.051	196	38702	4.824	ng		97
44) 2,4,5-Trichlorophenol	9.086	196	45283	4.938	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.245	154	189976	5.795	ng		99
47) 2-Chloronaphthalene	9.269	162	136300	5.549	ng		96
48) 2-Nitroaniline	9.357	65	18155	5.380	ng		90
49) Acenaphthylene	9.681	152	214791	5.563	ng		98
50) Dimethylphthalate	9.545	163	155135	5.399	ng		99
51) 2,6-Dinitrotoluene	9.604	165	15162	4.937	ng		94
52) Acenaphthene	9.857	154	137389	5.491	ng		99
53) 3-Nitroaniline	9.769	138	20385	3.183	ng	#	78
55) Dibenzofuran	10.028	168	200910	5.640	ng		94
57) 2,4-Dinitrotoluene	10.004	165	15639	4.920	ng	#	92
58) Fluorene	10.369	166	155827	6.006	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.139	232	34076m	4.689	ng		
60) Diethylphthalate	10.245	149	146425	5.376	ng		100
61) 4-Chlorophenyl-phenyle...	10.369	204	77456	6.074	ng		95
62) 4-Nitroaniline	10.375	138	20808	3.315	ng		93
63) Azobenzene	10.528	77	159664	5.456	ng		99
66) n-Nitrosodiphenylamine	10.480	169	133225	5.443	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	44825	5.325	ng		99
68) Hexachlorobenzene	10.916	284	46103	5.186	ng		94
69) Atrazine	11.010	200	35608	5.397	ng		96
70) Pentachlorophenol	11.104	266	21564	3.918	ng		93
71) Phenanthrene	11.333	178	231699	5.673	ng		98
72) Anthracene	11.380	178	235519	5.645	ng		100
73) Carbazole	11.539	167	205987	5.530	ng		98
74) Di-n-butylphthalate	11.886	149	202517	5.117	ng		100
75) Fluoranthene	12.522	202	238040	5.517	ng		96
77) Benzidine	12.651	184	80149	6.032	ng		99
78) Pyrene	12.751	202	247399	4.671	ng		98
80) Butylbenzylphthalate	13.386	149	65988	3.685	ng		93
81) Benzo(a)anthracene	13.939	228	223002	5.095	ng		98
82) 3,3'-Dichlorobenzidine	13.910	252	63769	5.027	ng	#	94
83) Chrysene	13.974	228	218376	5.121	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	96502	4.579	ng	#	98
85) Di-n-octyl phthalate	14.568	149	134124	4.185	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.868	276	154113	4.330	ng	#	91
88) Benzo(b)fluoranthene	14.980	252	192211	5.208	ng	#	97
89) Benzo(k)fluoranthene	15.010	252	185117	5.035	ng	#	97
90) Benzo(a)pyrene	15.345	252	170000	4.940	ng	#	96
91) Dibenzo(a,h)anthracene	16.898	278	123839	4.305	ng		95
92) Benzo(g,h,i)perylene	17.304	276	121239	4.132	ng	#	93

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

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