Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
Data File : BF134883.D
Acq On : 22 Aug 2023 13:35
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 18:59:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 17:47:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	155478	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	618347	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	323689	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	590376	20.000	ng		0.00
76) Chrysene-d12	13.974	240	279381	20.000	ng		0.00
86) Perylene-d12	15.451	264	300966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	109343	11.215	ng		0.00
7) Phenol-d6	6.422	99	142223	11.416	ng		-0.02
23) Nitrobenzene-d5	7.351	82	118647	10.573	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	41410	10.862	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	254489	12.157	ng		0.00
79) Terphenyl-d14	12.916	244	243980	11.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	22370	5.287	ng		97
3) Pyridine	3.304	79	57747	5.064	ng		96
4) n-Nitrosodimethylamine	3.228	42	24537	4.867	ng	#	98
6) Aniline	6.457	93	85633	5.561	ng		94
8) 2-Chlorophenol	6.575	128	58046	5.674	ng		97
9) Benzaldehyde	6.345	77	42314	6.204	ng		99
10) Phenol	6.434	94	73873	5.791	ng		83
11) bis(2-Chloroethyl)ether	6.528	93	53000	5.478	ng		99
12) 1,3-Dichlorobenzene	6.734	146	60551	5.675	ng		96
13) 1,4-Dichlorobenzene	6.810	146	60312	5.647	ng		99
14) 1,2-Dichlorobenzene	6.957	146	58950	5.749	ng		98
15) Benzyl Alcohol	6.934	79	47848	5.527	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	79681	5.687	ng		100
17) 2-Methylphenol	7.045	107	48093	5.432	ng		97
18) Hexachloroethane	7.298	117	21239	5.495	ng		92
19) n-Nitroso-di-n-propyla...	7.198	70	40466	5.561	ng		97
20) 3+4-Methylphenols	7.198	107	65502	3.794	ng		90
22) Acetophenone	7.198	105	78884	5.772	ng	#	95
24) Nitrobenzene	7.369	77	59003	5.240	ng		98
25) Isophorone	7.610	82	110863	5.291	ng		100
26) 2-Nitrophenol	7.686	139	26978	4.813	ng		98
27) 2,4-Dimethylphenol	7.728	122	48019	5.252	ng		95
28) bis(2-Chloroethoxy)met...	7.822	93	66789	5.348	ng		98
29) 2,4-Dichlorophenol	7.928	162	48284	5.345	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	52644	5.489	ng		99
31) Naphthalene	8.092	128	175656	5.689	ng		99
32) Benzoic acid	7.786	122	26018m	3.863	ng		
33) 4-Chloroaniline	8.145	127	72699	5.488	ng		97
34) Hexachlorobutadiene	8.210	225	31378	5.501	ng		99
35) Caprolactam	8.475	113	14602	5.194	ng		96
36) 4-Chloro-3-methylphenol	8.622	107	51481	5.400	ng		99
37) 2-Methylnaphthalene	8.786	142	116951	5.680	ng		99
38) 1-Methylnaphthalene	8.886	142	110656	5.747	ng		97
40) 1,2,4,5-Tetrachloroben...	8.951	216	53666	5.441	ng		99
41) Hexachlorocyclopentadiene	8.939	237	15532	3.394	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	34024	5.223	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	40297	5.343	ng	98
46) 1,1'-Biphenyl	9.251	154	144703	5.663	ng	99
47) 2-Chloronaphthalene	9.275	162	105335	5.519	ng	98
48) 2-Nitroaniline	9.369	65	30412	4.848	ng	88
49) Acenaphthylene	9.686	152	164033	5.581	ng	100
50) Dimethylphthalate	9.551	163	125100	5.430	ng	100
51) 2,6-Dinitrotoluene	9.616	165	25497	5.017	ng	99
52) Acenaphthene	9.863	154	105817	5.715	ng	99
53) 3-Nitroaniline	9.780	138	27336	4.925	ng	89
55) Dibenzofuran	10.033	168	156866	5.819	ng	98
56) 4-Nitrophenol	9.945	139	16903	4.370	ng	97
57) 2,4-Dinitrotoluene	10.022	165	31544	5.019	ng	89
58) Fluorene	10.380	166	121193	5.741	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	31746	5.403	ng	99
60) Diethylphthalate	10.257	149	118825	5.629	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	61619	5.822	ng	98
62) 4-Nitroaniline	10.392	138	25182	4.853	ng	99
63) Azobenzene	10.533	77	116946	5.577	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	12942	3.715	ng	96
66) n-Nitrosodiphenylamine	10.492	169	104403	5.492	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	35696	5.241	ng	94
68) Hexachlorobenzene	10.927	284	38503	5.315	ng	97
69) Atrazine	11.022	200	29778	5.206	ng	97
70) Pentachlorophenol	11.127	266	20063	4.602	ng	94
71) Phenanthrene	11.345	178	176198	5.695	ng	99
72) Anthracene	11.398	178	179247	5.655	ng	99
73) Carbazole	11.557	167	145234	5.560	ng	99
74) Di-n-butylphthalate	11.892	149	168935	5.639	ng	99
75) Fluoranthene	12.539	202	168722	5.756	ng	99
77) Benzidine	12.669	184	33315	7.350	ng	97
78) Pyrene	12.769	202	166547	5.622	ng	100
80) Butylbenzylphthalate	13.404	149	47972	5.316	ng	94
81) Benzo(a)anthracene	13.968	228	101874	5.344	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	29266	4.851	ng	97
83) Chrysene	14.004	228	97582	5.189	ng	95
84) Bis(2-ethylhexyl)phtha...	13.968	149	56890	5.819	ng	99
85) Di-n-octyl phthalate	14.586	149	77782	4.879	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	110050	5.116	ng	98
88) Benzo(b)fluoranthene	15.021	252	88014	5.183	ng	95
89) Benzo(k)fluoranthene	15.045	252	88493	5.307	ng	99
90) Benzo(a)pyrene	15.386	252	86504	5.103	ng	100
91) Dibenzo(a,h)anthracene	16.956	278	89860	5.162	ng	97
92) Benzo(g,h,i)perylene	17.386	276	90901	5.101	ng	98

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

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