Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
Data File : BF133484.D
Acq On : 25 May 2023 11:35
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 25 23:14:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 23:12:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	165155	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	625427	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	312559	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	590619	20.000	ng		0.00
76) Chrysene-d12	14.004	240	432900	20.000	ng		0.00
86) Perylene-d12	15.462	264	373205	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	114712	11.589	ng		-0.01
7) Phenol-d6	6.451	99	146858	12.052	ng		-0.01
23) Nitrobenzene-d5	7.392	82	64431	6.878	ng		-0.02
42) 2,4,6-Tribromophenol	10.663	330	28003	8.988	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.951	244	283142	11.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	25266	5.652	ng		96
3) Pyridine	3.328	79	68030	5.427	ng		95
4) n-Nitrosodimethylamine	3.257	42	36061	5.275	ng	#	98
6) Aniline	6.492	93	96809m	5.851	ng		
8) 2-Chlorophenol	6.616	128	54512	5.589	ng		95
10) Phenol	6.463	94	70914	5.801	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	60363	5.973	ng		98
12) 1,3-Dichlorobenzene	6.775	146	64209	5.930	ng		99
13) 1,4-Dichlorobenzene	6.857	146	66478	6.124	ng		96
14) 1,2-Dichlorobenzene	7.004	146	62922	6.281	ng		99
15) Benzyl Alcohol	6.969	79	52170	5.639	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	113528	5.923	ng		98
17) 2-Methylphenol	7.081	107	54593	5.911	ng		97
18) Hexachloroethane	7.351	117	20009	5.330	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	46709	5.924	ng		99
22) Acetophenone	7.239	105	90987	6.317	ng	#	94
24) Nitrobenzene	7.416	77	37332	3.740	ng		94
25) Isophorone	7.651	82	125337	5.741	ng		99
26) 2-Nitrophenol	7.733	139	10022	6.717	ng		97
27) 2,4-Dimethylphenol	7.769	122	53833	5.796	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	75791	5.987	ng		97
29) 2,4-Dichlorophenol	7.969	162	42798	5.121	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	52364	5.793	ng		96
31) Naphthalene	8.139	128	185315	6.112	ng		98
33) 4-Chloroaniline	8.186	127	77634	5.974	ng		97
34) Hexachlorobutadiene	8.263	225	31754	5.775	ng		97
35) Caprolactam	8.516	113	13072	4.770	ng		93
36) 4-Chloro-3-methylphenol	8.657	107	51371	5.488	ng		98
37) 2-Methylnaphthalene	8.833	142	129741	6.267	ng		97
38) 1-Methylnaphthalene	8.933	142	120783	6.259	ng		95
40) 1,2,4,5-Tetrachloroben...	8.998	216	54539	5.887	ng		99
41) Hexachlorocyclopentadiene	8.986	237	19512	4.110	ng		96
43) 2,4,6-Trichlorophenol	9.104	196	28164	4.751	ng		94
44) 2,4,5-Trichlorophenol	9.139	196	32994	4.795	ng		95
46) 1,1'-Biphenyl	9.298	154	154482	6.083	ng		98
47) 2-Chloronaphthalene	9.322	162	109317	5.940	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.410	65	13355	6.063	ng		85
49) Acenaphthylene	9.733	152	188178	5.992	ng		99
50) Dimethylphthalate	9.592	163	126613	5.764	ng		100
51) 2,6-Dinitrotoluene	9.657	165	9256	5.728	ng		92
52) Acenaphthene	9.910	154	110890	5.829	ng		98
53) 3-Nitroaniline	9.822	138	13504	5.588	ng	#	92
55) Dibenzofuran	10.080	168	174208	6.155	ng		97
57) 2,4-Dinitrotoluene	10.051	165	10432	6.559	ng	#	86
58) Fluorene	10.422	166	134573	6.489	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	23323	4.501	ng		98
60) Diethylphthalate	10.292	149	130735	5.733	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	62080	6.235	ng		98
62) 4-Nitroaniline	10.427	138	14647	5.588	ng	#	80
63) Azobenzene	10.574	77	133578	5.852	ng		97
66) n-Nitrosodiphenylamine	10.533	169	115481	6.023	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	36588	5.833	ng		90
68) Hexachlorobenzene	10.969	284	37454	5.710	ng		98
69) Atrazine	11.057	200	29560	5.619	ng		98
70) Pentachlorophenol	11.163	266	14950	3.812	ng		100
71) Phenanthrene	11.386	178	179685	6.007	ng		98
72) Anthracene	11.439	178	184499	5.993	ng		99
73) Carbazole	11.592	167	172564	5.927	ng		97
74) Di-n-butylphthalate	11.927	149	187163	5.436	ng		99
75) Fluoranthene	12.574	202	194165	5.876	ng		99
78) Pyrene	12.804	202	199113	5.405	ng		100
80) Butylbenzylphthalate	13.433	149	61414	4.214	ng		92
81) Benzo(a)anthracene	13.992	228	166546	5.775	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	47676	5.288	ng		99
83) Chrysene	14.027	228	162816	5.593	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	86906	4.770	ng		97
85) Di-n-octyl phthalate	14.609	149	124294	4.095	ng		96
87) Indeno(1,2,3-cd)pyrene	16.903	276	112873	4.748	ng		99
88) Benzo(b)fluoranthene	15.033	252	135267	5.566	ng		98
89) Benzo(k)fluoranthene	15.062	252	134584	5.680	ng		99
90) Benzo(a)pyrene	15.398	252	119973	5.425	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	93125	4.832	ng		98
92) Benzo(g,h,i)perylene	17.345	276	89060	4.583	ng		97

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

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