Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136403.D
Acq On : 05 Dec 2023 13:27
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 06 09:32:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:31:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	112507	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	476576	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	254567	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	489900	20.000	ng		0.00
76) Chrysene-d12	13.974	240	335171	20.000	ng		0.00
86) Perylene-d12	15.451	264	250763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	78989	10.369	ng		0.00
7) Phenol-d6	6.428	99	101304	10.658	ng		-0.02
23) Nitrobenzene-d5	7.357	82	91801	10.413	ng		-0.01
42) 2,4,6-Tribromophenol	10.621	330	32292	10.288	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	204302	10.951	ng		-0.01
79) Terphenyl-d14	12.915	244	252273	9.921	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	15568	5.167	ng		97
3) Pyridine	3.351	79	36299	4.974	ng		94
4) n-Nitrosodimethylamine	3.281	42	15276	4.818	ng	#	90
6) Aniline	6.463	93	49299	5.132	ng		97
8) 2-Chlorophenol	6.581	128	44099	5.302	ng		95
9) Benzaldehyde	6.351	77	31237	4.364	ng		95
10) Phenol	6.439	94	54429	5.382	ng		91
11) bis(2-Chloroethyl)ether	6.534	93	39978	5.303	ng		99
12) 1,3-Dichlorobenzene	6.739	146	49463	5.288	ng		94
13) 1,4-Dichlorobenzene	6.816	146	49637	5.232	ng		98
14) 1,2-Dichlorobenzene	6.969	146	47896	5.368	ng		97
15) Benzyl Alcohol	6.939	79	32502	5.107	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	53129	5.479	ng		99
17) 2-Methylphenol	7.051	107	33434	4.976	ng		94
18) Hexachloroethane	7.310	117	17332	5.232	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	30401	5.545	ng		99
20) 3+4-Methylphenols	7.204	107	46032	5.519	ng	#	80
22) Acetophenone	7.204	105	62321	5.296	ng		97
24) Nitrobenzene	7.375	77	45917	5.178	ng		99
25) Isophorone	7.610	82	81187	5.126	ng		99
26) 2-Nitrophenol	7.692	139	20847	4.782	ng		97
27) 2,4-Dimethylphenol	7.728	122	27842	5.179	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	50441	5.183	ng		98
29) 2,4-Dichlorophenol	7.933	162	36606	5.159	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	42281	5.110	ng		93
31) Naphthalene	8.098	128	139567	5.311	ng		98
32) Benzoic acid	7.792	122	22863	4.277	ng		90
33) 4-Chloroaniline	8.145	127	47005	5.017	ng		96
34) Hexachlorobutadiene	8.216	225	25537	5.208	ng		97
35) Caprolactam	8.480	113	11519	5.271	ng		90
36) 4-Chloro-3-methylphenol	8.627	107	38657	5.131	ng		98
37) 2-Methylnaphthalene	8.792	142	91071	5.447	ng		94
38) 1-Methylnaphthalene	8.886	142	89091	5.430	ng		95
40) 1,2,4,5-Tetrachloroben...	8.957	216	41694	5.264	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	25532	4.951	ng		96
44) 2,4,5-Trichlorophenol	9.104	196	28330	4.922	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.251	154	114033	5.264	ng		97
47) 2-Chloronaphthalene	9.280	162	87634	5.198	ng		97
48) 2-Nitroaniline	9.374	65	22261	4.923	ng		93
49) Acenaphthylene	9.692	152	126642	5.273	ng		96
50) Dimethylphthalate	9.551	163	96096	5.127	ng		98
51) 2,6-Dinitrotoluene	9.616	165	21337	5.060	ng		99
52) Acenaphthene	9.863	154	82589m	5.367	ng		
53) 3-Nitroaniline	9.780	138	21677	5.034	ng		91
55) Dibenzofuran	10.039	168	122420	5.445	ng		98
56) 4-Nitrophenol	9.945	139	14268	4.420	ng		97
57) 2,4-Dinitrotoluene	10.022	165	27707	4.967	ng		94
58) Fluorene	10.380	166	99569	5.517	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	24043	5.215	ng		100
60) Diethylphthalate	10.257	149	97511	5.291	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	48719	5.537	ng		99
62) 4-Nitroaniline	10.392	138	20854	4.878	ng		99
63) Azobenzene	10.533	77	87265	5.202	ng		94
65) 4,6-Dinitro-2-methylph...	10.427	198	11730	3.866	ng		91
66) n-Nitrosodiphenylamine	10.492	169	83681	5.323	ng		96
67) 4-Bromophenyl-phenylether	10.868	248	29343	5.152	ng		99
68) Hexachlorobenzene	10.927	284	34090	5.178	ng		98
69) Atrazine	11.021	200	26118	5.821	ng		99
70) Pentachlorophenol	11.127	266	17234	4.639	ng		97
71) Phenanthrene	11.345	178	142950	5.309	ng		98
72) Anthracene	11.398	178	142843	5.267	ng		98
73) Carbazole	11.557	167	128500	5.353	ng		98
74) Di-n-butylphthalate	11.892	149	150542	5.116	ng		99
75) Fluoranthene	12.539	202	154192	5.464	ng		100
77) Benzidine	12.668	184	23119	3.627	ng		97
78) Pyrene	12.768	202	155294	4.731	ng		98
80) Butylbenzylphthalate	13.398	149	54707	4.682	ng		94
81) Benzo(a)anthracene	13.962	228	122599	5.251	ng		97
82) 3,3'-Dichlorobenzidine	13.927	252	33832	5.168	ng		99
83) Chrysene	13.998	228	116806	5.085	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	64970	4.535	ng	#	98
85) Di-n-octyl phthalate	14.574	149	92428	4.368	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	73688	4.230	ng		99
88) Benzo(b)fluoranthene	15.015	252	92162	5.375	ng		99
89) Benzo(k)fluoranthene	15.045	252	87911	5.441	ng		99
90) Benzo(a)pyrene	15.386	252	72263	5.104	ng		97
91) Dibenzo(a,h)anthracene	16.968	278	60630	4.248	ng		99
92) Benzo(g,h,i)perylene	17.398	276	62201	4.246	ng		99

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

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