Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136024.D
Acq On : 30 Oct 2023 12:32
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 30 17:08:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 17:07:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	171458	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	702425	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	365100	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	679933	20.000	ng		0.00
76) Chrysene-d12	14.010	240	478185	20.000	ng		0.00
86) Perylene-d12	15.498	264	371234	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	112575	10.317	ng		-0.01
7) Phenol-d6	6.440	99	143004	10.519	ng		-0.02
23) Nitrobenzene-d5	7.375	82	110588	9.491	ng		-0.02
42) 2,4,6-Tribromophenol	10.645	330	36465	9.357	ng		-0.01
45) 2-Fluorobiphenyl	9.181	172	262994	11.483	ng		0.00
79) Terphenyl-d14	12.951	244	303848	9.875	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	23181	4.879	ng		97
3) Pyridine	3.340	79	63283	4.880	ng	#	93
4) n-Nitrosodimethylamine	3.275	42	25471	4.698	ng	#	92
6) Aniline	6.481	93	90165	5.123	ng		99
8) 2-Chlorophenol	6.604	128	60123	5.154	ng		97
9) Benzaldehyde	6.369	77	45238	5.968	ng		96
10) Phenol	6.457	94	71802m	5.106	ng		
11) bis(2-Chloroethyl)ether	6.557	93	56915	5.170	ng		99
12) 1,3-Dichlorobenzene	6.763	146	65621	5.405	ng		97
13) 1,4-Dichlorobenzene	6.839	146	63853	5.248	ng		98
14) 1,2-Dichlorobenzene	6.992	146	59906	5.265	ng		99
15) Benzyl Alcohol	6.957	79	48876	5.070	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	78321	5.169	ng		99
17) 2-Methylphenol	7.069	107	50071	5.060	ng		97
18) Hexachloroethane	7.334	117	21955	5.134	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	41115	5.293	ng		99
20) 3+4-Methylphenols	7.222	107	66976	5.550	ng		94
22) Acetophenone	7.228	105	86336	5.543	ng		98
24) Nitrobenzene	7.398	77	56539	4.797	ng		95
25) Isophorone	7.634	82	110052	5.003	ng		98
26) 2-Nitrophenol	7.716	139	19933	3.707	ng		98
27) 2,4-Dimethylphenol	7.751	122	50213	4.941	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	68513	5.083	ng		99
29) 2,4-Dichlorophenol	7.951	162	46568	4.861	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	53793	5.147	ng		97
31) Naphthalene	8.122	128	179446	5.298	ng		100
33) 4-Chloroaniline	8.169	127	76599	5.164	ng		97
34) Hexachlorobutadiene	8.245	225	30533	5.095	ng		98
35) Caprolactam	8.498	113	14383	4.617	ng	#	83
36) 4-Chloro-3-methylphenol	8.645	107	50340	5.005	ng		97
37) 2-Methylnaphthalene	8.816	142	121629	5.355	ng		98
38) 1-Methylnaphthalene	8.916	142	112958	5.344	ng		98
40) 1,2,4,5-Tetrachloroben...	8.981	216	54268	5.212	ng		100
41) Hexachlorocyclopentadiene	8.969	237	23858	4.289	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	32998	4.861	ng		100
44) 2,4,5-Trichlorophenol	9.128	196	38163	4.853	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.281	154	149012	5.354	ng		99
47)	2-Chloronaphthalene	9.304	162	106191	5.176	ng		99
48)	2-Nitroaniline	9.398	65	24395	4.018	ng		97
49)	Acenaphthylene	9.722	152	164363	5.135	ng		99
50)	Dimethylphthalate	9.580	163	125267	5.202	ng		99
51)	2,6-Dinitrotoluene	9.639	165	21843	4.241	ng		98
52)	Acenaphthene	9.892	154	107475	5.299	ng		99
53)	3-Nitroaniline	9.804	138	25873	4.305	ng	#	87
55)	Dibenzofuran	10.063	168	156915	5.289	ng		99
56)	4-Nitrophenol	9.957	139	17611	3.917	ng		84
57)	2,4-Dinitrotoluene	10.039	165	25061	3.846	ng		87
58)	Fluorene	10.410	166	122060	5.495	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.180	232	31350	5.014	ng		97
60)	Diethylphthalate	10.286	149	117447	5.104	ng		99
61)	4-Chlorophenyl-phenyle...	10.404	204	62393	5.627	ng		98
62)	4-Nitroaniline	10.416	138	24133	4.170	ng		97
63)	Azobenzene	10.563	77	113970	5.143	ng		99
66)	n-Nitrosodiphenylamine	10.522	169	106323	5.184	ng		98
67)	4-Bromophenyl-phenylether	10.898	248	35123	4.927	ng		95
68)	Hexachlorobenzene	10.957	284	38501	5.057	ng		96
69)	Atrazine	11.051	200	29874	5.353	ng		100
70)	Pentachlorophenol	11.151	266	19995	4.089	ng		97
71)	Phenanthrene	11.374	178	183421	5.358	ng		99
72)	Anthracene	11.427	178	183893	5.242	ng		99
73)	Carbazole	11.580	167	156208	5.124	ng		99
74)	Di-n-butylphthalate	11.927	149	177060	5.083	ng		99
75)	Fluoranthene	12.569	202	185048	5.262	ng		98
77)	Benzidine	12.698	184	57565	6.176	ng		98
78)	Pyrene	12.798	202	192200	4.559	ng		98
80)	Butylbenzylphthalate	13.439	149	63902	4.234	ng		88
81)	Benzo(a)anthracene	13.998	228	154214	4.871	ng		99
82)	3,3'-Dichlorobenzidine	13.963	252	44815	4.435	ng		98
83)	Chrysene	14.033	228	150274	4.820	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.004	149	79541	4.524	ng		99
85)	Di-n-octyl phthalate	14.621	149	110969	4.213	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.992	276	97669	4.026	ng		99
88)	Benzo(b)fluoranthene	15.057	252	109714	4.995	ng		98
89)	Benzo(k)fluoranthene	15.086	252	110583	5.088	ng		97
90)	Benzo(a)pyrene	15.427	252	98645	4.833	ng		98
91)	Dibenzo(a,h)anthracene	17.021	278	79484	3.999	ng		99
92)	Benzo(g,h,i)perylene	17.445	276	82106	6.305	ng		99

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

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