Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
Data File : BF137193.D
Acq On : 30 Jan 2024 12:24
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 04:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:27:00 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	53514	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	215412	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	127379	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	248946	20.000	ng		0.00
76) Chrysene-d12	13.974	240	179592	20.000	ng		0.00
86) Perylene-d12	15.451	264	121199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	60998	18.808	ng		0.00
7) Phenol-d6	6.416	99	90903	19.641	ng		-0.01
23) Nitrobenzene-d5	7.351	82	96049	19.963	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	27750	19.290	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	199630	21.544	ng		0.00
79) Terphenyl-d14	12.916	244	248499	18.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	17726	10.215	ng		97
3) Pyridine	3.322	79	23733m	9.454	ng		
4) n-Nitrosodimethylamine	3.263	42	8879m	10.471	ng		
6) Aniline	6.457	93	43351	8.750	ng	#	87
8) 2-Chlorophenol	6.575	128	34831	9.605	ng		95
9) Benzaldehyde	6.345	77	17354	10.367	ng		96
10) Phenol	6.434	94	50170	9.711	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	35302	10.225	ng		96
12) 1,3-Dichlorobenzene	6.734	146	42772	10.060	ng		97
13) 1,4-Dichlorobenzene	6.810	146	46848	10.655	ng		96
14) 1,2-Dichlorobenzene	6.957	146	41478	10.089	ng		98
15) Benzyl Alcohol	6.934	79	28331	8.616	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.063	45	66022	10.616	ng		98
17) 2-Methylphenol	7.039	107	28628	9.450	ng		98
18) Hexachloroethane	7.304	117	15717	9.911	ng		89
19) n-Nitroso-di-n-propyla...	7.198	70	33257	10.480	ng		99
20) 3+4-Methylphenols	7.198	107	37259	9.715	ng	#	61
22) Acetophenone	7.198	105	56745	9.785	ng	#	96
24) Nitrobenzene	7.369	77	46312	9.917	ng		95
25) Isophorone	7.604	82	91006	10.247	ng		96
26) 2-Nitrophenol	7.686	139	14064	9.832	ng	#	89
27) 2,4-Dimethylphenol	7.722	122	23880	9.408	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	46084	9.772	ng		93
29) 2,4-Dichlorophenol	7.928	162	28316	8.992	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	39265	10.038	ng		97
31) Naphthalene	8.092	128	118742	10.196	ng		99
32) Benzoic acid	7.816	122	6327m	10.295	ng		
33) 4-Chloroaniline	8.145	127	38354	9.575	ng		93
34) Hexachlorobutadiene	8.210	225	26959	10.366	ng		95
35) Caprolactam	8.475	113	8847	9.035	ng	#	84
36) 4-Chloro-3-methylphenol	8.616	107	34898	9.383	ng		96
37) 2-Methylnaphthalene	8.786	142	79506	10.183	ng		98
38) 1-Methylnaphthalene	8.881	142	74712	10.303	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	43397	10.182	ng		99
41) Hexachlorocyclopentadiene	8.933	237	17171	8.458	ng		96
43) 2,4,6-Trichlorophenol	9.063	196	22021	9.109	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	24939	9.438	ng		98
46) 1,1'-Biphenyl	9.251	154	104633	10.324	ng		96
47) 2-Chloronaphthalene	9.269	162	76300	10.173	ng		98
48) 2-Nitroaniline	9.369	65	21245	8.752	ng		89
49) Acenaphthylene	9.686	152	122656	10.215	ng		98
50) Dimethylphthalate	9.545	163	86760	10.082	ng		99
51) 2,6-Dinitrotoluene	9.610	165	16902	9.211	ng		92
52) Acenaphthene	9.857	154	74550	10.563	ng		99
53) 3-Nitroaniline	9.780	138	13111	7.939	ng		91
54) 2,4-Dinitrophenol	9.892	184	1160	10.472	ng	#	31
55) Dibenzofuran	10.033	168	116902	10.412	ng		100
56) 4-Nitrophenol	9.957	139	4547	11.071	ng		88
57) 2,4-Dinitrotoluene	10.010	165	21553	9.052	ng	#	96
58) Fluorene	10.375	166	94055	10.686	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	24625m	9.962	ng		
60) Diethylphthalate	10.251	149	86446	10.202	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	46701	10.675	ng		97
62) 4-Nitroaniline	10.398	138	13760m	8.671	ng		
63) Azobenzene	10.533	77	93924	10.009	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	6892	9.517	ng	#	77
66) n-Nitrosodiphenylamine	10.492	169	77512	10.240	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	26796	9.789	ng	#	90
68) Hexachlorobenzene	10.922	284	31462	10.290	ng	#	92
69) Atrazine	11.022	200	24966	9.991	ng		96
70) Pentachlorophenol	11.122	266	13804m	8.442	ng		
71) Phenanthrene	11.339	178	137806	10.574	ng		99
72) Anthracene	11.392	178	145301	10.697	ng		98
73) Carbazole	11.551	167	119150	10.496	ng		99
74) Di-n-butylphthalate	11.892	149	126848	10.337	ng		99
75) Fluoranthene	12.533	202	147557	10.820	ng		98
77) Benzidine	12.674	184	24910	8.260	ng		94
78) Pyrene	12.763	202	153582	8.899	ng		99
80) Butylbenzylphthalate	13.398	149	38581	8.739	ng		95
81) Benzo(a)anthracene	13.963	228	127243	10.004	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	34673	10.006	ng		95
83) Chrysene	13.998	228	124612	9.966	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	44255	8.616	ng		98
85) Di-n-octyl phthalate	14.586	149	58169	7.523	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	74828	8.788	ng		99
88) Benzo(b)fluoranthene	15.015	252	82253	11.035	ng		99
89) Benzo(k)fluoranthene	15.045	252	87214	11.061	ng		98
90) Benzo(a)pyrene	15.386	252	72440	10.327	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	60029	8.798	ng		98
92) Benzo(g,h,i)perylene	17.392	276	59172	8.836	ng	#	93

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

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