Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF131996.D
Acq On : 10 Jan 2023 15:05
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 00:35:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79499	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	278824	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	163914	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	326636	20.000	ng	0.00
76) Chrysene-d12	13.980	240	201500	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	150441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	390667	80.974	ng	0.00
7) Phenol-d6	6.428	99	517405	80.884	ng	0.00
23) Nitrobenzene-d5	7.363	82	544313	81.022	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	149827	79.498	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	964504	79.435	ng	0.00
79) Terphenyl-d14	12.922	244	1131414	80.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.457	88	88527	42.013	ng	100
3) Pyridine	3.181	79	254623	43.056	ng	99
4) n-Nitrosodimethylamine	3.157	42	116573	41.942	ng	97
6) Aniline	6.451	93	335968	39.918	ng	91
8) 2-Chlorophenol	6.575	128	197166	40.732	ng	94
9) Benzaldehyde	6.334	77	160275	37.655	ng	100
10) Phenol	6.445	94	288914	40.487	ng	91
11) bis(2-Chloroethyl)ether	6.528	93	211992	39.409	ng	99
12) 1,3-Dichlorobenzene	6.722	146	215563	39.981	ng	98
13) 1,4-Dichlorobenzene	6.804	146	217087	39.794	ng	97
14) 1,2-Dichlorobenzene	6.957	146	203949	39.364	ng	98
15) Benzyl Alcohol	6.940	79	223591	40.139	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	256864	37.837	ng	96
17) 2-Methylphenol	7.051	107	193430	40.379	ng	99
18) Hexachloroethane	7.292	117	89344	39.603	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	178383	38.549	ng	99
20) 3+4-Methylphenols	7.210	107	244780	39.802	ng	91
22) Acetophenone	7.204	105	326472	40.215	ng	98
24) Nitrobenzene	7.381	77	277969	40.643	ng	99
25) Isophorone	7.622	82	493651	39.333	ng	99
26) 2-Nitrophenol	7.698	139	111709	41.511	ng	93
27) 2,4-Dimethylphenol	7.739	122	181670	40.444	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	269589	38.812	ng	99
29) 2,4-Dichlorophenol	7.939	162	185100	40.231	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	209399	39.739	ng	99
31) Naphthalene	8.098	128	591311	40.129	ng	99
32) Benzoic acid	7.887	122	110204m	42.319	ng	
33) 4-Chloroaniline	8.157	127	247525	40.707	ng	96
34) Hexachlorobutadiene	8.210	225	142265	38.941	ng	98
35) Caprolactam	8.545	113	57148m	42.291	ng	
36) 4-Chloro-3-methylphenol	8.645	107	219207	40.594	ng	100
37) 2-Methylnaphthalene	8.792	142	421330	39.812	ng	97
38) 1-Methylnaphthalene	8.892	142	391799	39.960	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	232990	40.338	ng	99
41) Hexachlorocyclopentadiene	8.939	237	77104	32.005	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	144605	41.593	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	167167	41.301	ng	99
46) 1,1'-Biphenyl	9.263	154	506691	40.050	ng	97
47) 2-Chloronaphthalene	9.286	162	403619	41.104	ng	98
48) 2-Nitroaniline	9.392	65	155316	43.548	ng	97
49) Acenaphthylene	9.704	152	623928	40.946	ng	100
50) Dimethylphthalate	9.569	163	515917	40.379	ng	99
51) 2,6-Dinitrotoluene	9.633	165	109077	40.590	ng	89
52) Acenaphthene	9.875	154	368545	40.293	ng	99
53) 3-Nitroaniline	9.804	138	112065	42.984	ng	94
54) 2,4-Dinitrophenol	9.916	184	57353	42.507	ng	96
55) Dibenzofuran	10.045	168	578230	40.105	ng	97
56) 4-Nitrophenol	9.981	139	65885	44.865	ng	89
57) 2,4-Dinitrotoluene	10.039	165	149886	41.718	ng	96
58) Fluorene	10.392	166	461501	40.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	124735m	41.359	ng	
60) Diethylphthalate	10.269	149	498068	39.644	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	257832	39.105	ng	95
62) 4-Nitroaniline	10.428	138	104756	44.685	ng	98
63) Azobenzene	10.545	77	539473	40.478	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	88162	41.854	ng	81
66) n-Nitrosodiphenylamine	10.504	169	405054	39.527	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	153797	37.639	ng	95
68) Hexachlorobenzene	10.939	284	159883	38.680	ng	97
69) Atrazine	11.039	200	147100	39.473	ng	97
70) Pentachlorophenol	11.139	266	72353	35.394	ng	98
71) Phenanthrene	11.357	178	678406	39.841	ng	100
72) Anthracene	11.410	178	686945	39.188	ng	100
73) Carbazole	11.569	167	595779	41.053	ng	99
74) Di-n-butylphthalate	11.892	149	755787	37.402	ng	99
75) Fluoranthene	12.551	202	763780	39.884	ng	99
77) Benzidine	12.674	184	260326	38.888	ng	98
78) Pyrene	12.780	202	771623	41.986	ng	100
80) Butylbenzylphthalate	13.398	149	295397	39.821	ng	98
81) Benzo(a)anthracene	13.974	228	591665	40.360	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	184456	40.316	ng	99
83) Chrysene	14.010	228	538234	39.286	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	366708	36.489	ng	99
85) Di-n-octyl phthalate	14.568	149	488617	35.529	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	409007	44.329	ng	98
88) Benzo(b)fluoranthene	15.021	252	398716	38.641	ng	99
89) Benzo(k)fluoranthene	15.051	252	407147	39.537	ng	100
90) Benzo(a)pyrene	15.386	252	375901	40.433	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	339589	43.906	ng	98
92) Benzo(g,h,i)perylene	17.357	276	333340	40.819	ng	96

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

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