Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
Data File : BF133453.D
Acq On : 23 May 2023 12:36
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 02:29:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:24:49 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	134208	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	499414	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	231002	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	413696	20.000	ng		0.00
76) Chrysene-d12	14.004	240	294555	20.000	ng		0.00
86) Perylene-d12	15.463	264	311712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	180171	21.945	ng		0.00
7) Phenol-d6	6.451	99	214611	21.744	ng		-0.01
23) Nitrobenzene-d5	7.398	82	116068	16.068	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	39603	18.559	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	381532	23.237	ng		0.00
79) Terphenyl-d14	12.951	244	337075	21.879	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	38793	10.438	ng		98
3) Pyridine	3.305	79	98422	10.058	ng		99
4) n-Nitrosodimethylamine	3.240	42	55841	9.997	ng		95
6) Aniline	6.498	93	142769m	10.584	ng		
8) 2-Chlorophenol	6.622	128	86549	10.627	ng		99
9) Benzaldehyde	6.387	77	71564	12.841	ng		98
10) Phenol	6.463	94	109732	10.872	ng		96
11) bis(2-Chloroethyl)ether	6.575	93	86977	10.559	ng		96
12) 1,3-Dichlorobenzene	6.781	146	98028	11.028	ng		97
13) 1,4-Dichlorobenzene	6.857	146	97075	10.907	ng		98
14) 1,2-Dichlorobenzene	7.010	146	92089	11.203	ng		98
15) Benzyl Alcohol	6.975	79	79165	10.599	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	167240	10.729	ng		99
17) 2-Methylphenol	7.081	107	78936	10.630	ng		98
18) Hexachloroethane	7.357	117	30791	10.152	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	65843	10.660	ng		99
20) 3+4-Methylphenols	7.234	107	99993	11.125	ng	#	87
22) Acetophenone	7.245	105	130749	11.156	ng		96
24) Nitrobenzene	7.416	77	70659	8.849	ng		96
25) Isophorone	7.657	82	176565	10.387	ng		98
26) 2-Nitrophenol	7.740	139	14038	10.392	ng		98
27) 2,4-Dimethylphenol	7.769	122	76856	10.579	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	107137	10.669	ng		97
29) 2,4-Dichlorophenol	7.975	162	65667	9.968	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	74704	10.428	ng		94
31) Naphthalene	8.145	128	267890	10.920	ng		99
32) Benzoic acid	7.828	122	14632m	10.623	ng		
33) 4-Chloroaniline	8.192	127	108529	10.560	ng		99
34) Hexachlorobutadiene	8.269	225	45001	10.336	ng		97
35) Caprolactam	8.528	113	17786	8.889	ng		92
36) 4-Chloro-3-methylphenol	8.663	107	72085	10.112	ng		99
37) 2-Methylnaphthalene	8.834	142	180288	10.963	ng		100
38) 1-Methylnaphthalene	8.934	142	168426	10.991	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	75476	10.750	ng		99
41) Hexachlorocyclopentadiene	8.992	237	28605	8.543	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	41326	9.586	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	49326	9.892	ng		96
46) 1,1'-Biphenyl	9.298	154	212166	10.951	ng		99
47) 2-Chloronaphthalene	9.322	162	150679	10.841	ng		99
48) 2-Nitroaniline	9.416	65	19003	9.604	ng		98
49) Acenaphthylene	9.739	152	255483	10.821	ng		98
50) Dimethylphthalate	9.598	163	162745	10.319	ng		98
51) 2,6-Dinitrotoluene	9.657	165	16577	9.446	ng		94
52) Acenaphthene	9.910	154	151136	10.661	ng		98
53) 3-Nitroaniline	9.822	138	22631	9.259	ng	#	85
54) 2,4-Dinitrophenol	9.922	184	3277	11.028	ng	#	1
55) Dibenzofuran	10.081	168	227895	10.771	ng		98
56) 4-Nitrophenol	9.963	139	15861	10.202	ng		93
57) 2,4-Dinitrotoluene	10.057	165	17100	9.629	ng		90
58) Fluorene	10.428	166	172466	11.293	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	34810	9.408	ng		100
60) Diethylphthalate	10.298	149	165834	10.372	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	81482	11.280	ng		92
62) 4-Nitroaniline	10.428	138	22395	9.557	ng		94
63) Azobenzene	10.581	77	174748	10.567	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	4206	11.310	ng		79
66) n-Nitrosodiphenylamine	10.534	169	145949	10.700	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	46268	10.664	ng		95
68) Hexachlorobenzene	10.969	284	47677	10.472	ng		95
69) Atrazine	11.063	200	36659	10.501	ng		96
70) Pentachlorophenol	11.163	266	20830	8.061	ng		98
71) Phenanthrene	11.386	178	231968	10.829	ng		99
72) Anthracene	11.439	178	236419	10.819	ng		99
73) Carbazole	11.592	167	215665	10.418	ng		100
74) Di-n-butylphthalate	11.933	149	221246	9.961	ng		98
75) Fluoranthene	12.575	202	235060	10.192	ng		99
77) Benzidine	12.698	184	81006	11.541	ng		98
78) Pyrene	12.804	202	248761	10.361	ng		99
80) Butylbenzylphthalate	13.433	149	59469	9.496	ng		98
81) Benzo(a)anthracene	13.992	228	213875	10.696	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	55036	9.699	ng		99
83) Chrysene	14.027	228	209148	10.301	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	102682	9.476	ng		98
85) Di-n-octyl phthalate	14.610	149	143201	7.264	ng		97
87) Indeno(1,2,3-cd)pyrene	16.904	276	217964	10.324	ng		100
88) Benzo(b)fluoranthene	15.033	252	192677	9.946	ng		98
89) Benzo(k)fluoranthene	15.063	252	194642	10.339	ng		100
90) Benzo(a)pyrene	15.398	252	184795	10.124	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	179049	10.413	ng		99
92) Benzo(g,h,i)perylene	17.345	276	178177	10.258	ng		99

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

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