Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060524\
Data File : BF138118.D
Acq On : 05 Jun 2024 11:44
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 05:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:05:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	460776	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	1826050	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	1058859	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1925986	20.000	ng		0.00
76) Chrysene-d12	14.062	240	1371700	20.000	ng		0.00
86) Perylene-d12	15.545	264	984319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	291982	10.799	ng		-0.01
7) Phenol-d6	6.516	99	372240	10.882	ng		-0.02
23) Nitrobenzene-d5	7.463	82	200059	7.454	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	88337	8.669	ng		-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.010	244	1004094	10.949	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	66696	5.382	ng		99
3) Pyridine	3.498	79	156434	5.152	ng		98
4) n-Nitrosodimethylamine	3.440	42	77476	5.198	ng	#	95
6) Aniline	6.563	93	182499m	5.262	ng		
8) 2-Chlorophenol	6.686	128	155708	5.323	ng		95
10) Phenol	6.528	94	188727	5.370	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	154345	5.478	ng		98
12) 1,3-Dichlorobenzene	6.845	146	184618	5.509	ng		97
13) 1,4-Dichlorobenzene	6.922	146	187325	5.550	ng		98
14) 1,2-Dichlorobenzene	7.075	146	177995	5.618	ng		99
15) Benzyl Alcohol	7.039	79	128959	5.328	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	228404	5.522	ng		99
17) 2-Methylphenol	7.145	107	124741	5.269	ng		98
18) Hexachloroethane	7.422	117	58547	5.082	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	119941	5.499	ng		96
20) 3+4-Methylphenols	7.298	107	162760	5.525	ng		99
22) Acetophenone	7.310	105	241759	5.751	ng		98
24) Nitrobenzene	7.481	77	120107	4.108	ng		95
25) Isophorone	7.716	82	320912	5.427	ng		97
26) 2-Nitrophenol	7.798	139	21322	6.953	ng		97
27) 2,4-Dimethylphenol	7.828	122	102004	4.967	ng		97
28) bis(2-Chloroethoxy)met...	7.933	93	194627	5.404	ng		98
29) 2,4-Dichlorophenol	8.033	162	114639	4.631	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	158991	5.323	ng		97
31) Naphthalene	8.210	128	514671	5.827	ng		97
33) 4-Chloroaniline	8.251	127	182524	5.499	ng		99
34) Hexachlorobutadiene	8.328	225	94364	5.376	ng		99
35) Caprolactam	8.580	113	39401	4.766	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	125368	4.942	ng		99
37) 2-Methylnaphthalene	8.898	142	339161	5.696	ng		98
38) 1-Methylnaphthalene	8.998	142	333049	5.713	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	158536	5.303	ng		99
41) Hexachlorocyclopentadiene	9.051	237	37728	3.823	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	76907	4.237	ng		100
44) 2,4,5-Trichlorophenol	9.204	196	86475	4.324	ng		98
46) 1,1'-Biphenyl	9.363	154	424455	5.707	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.386	162	329486	5.559	ng		96
48) 2-Nitroaniline	9.475	65	30050	6.633	ng		91
49) Acenaphthylene	9.798	152	468175	5.582	ng		98
50) Dimethylphthalate	9.657	163	367792	5.528	ng		99
51) 2,6-Dinitrotoluene	9.716	165	34804	5.642	ng	#	86
52) Acenaphthene	9.974	154	311055	5.488	ng		98
53) 3-Nitroaniline	9.880	138	39483	5.509	ng	#	80
54) 2,4-Dinitrophenol	9.986	184	5118	7.713	ng	#	27
55) Dibenzofuran	10.145	168	456998	5.701	ng		95
57) 2,4-Dinitrotoluene	10.116	165	35240	5.680	ng		96
58) Fluorene	10.486	166	376295	5.910	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	66635	4.224	ng		98
60) Diethylphthalate	10.357	149	360713	5.554	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	188661	5.832	ng		98
62) 4-Nitroaniline	10.486	138	41344	3.329	ng		88
63) Azobenzene	10.639	77	352499	5.635	ng		99
66) n-Nitrosodiphenylamine	10.592	169	314220	5.463	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	114346	5.214	ng		95
68) Hexachlorobenzene	11.033	284	137222	5.382	ng		98
69) Atrazine	11.121	200	99786	5.393	ng		99
70) Pentachlorophenol	11.221	266	45127	3.307	ng		97
71) Phenanthrene	11.451	178	536377	5.785	ng		96
72) Anthracene	11.498	178	527239	5.701	ng		97
73) Carbazole	11.651	167	475284	5.620	ng		97
74) Di-n-butylphthalate	11.986	149	561039	5.644	ng		97
75) Fluoranthene	12.633	202	580844	5.806	ng		98
77) Benzidine	12.757	184	30534	2.163	ng		97
78) Pyrene	12.863	202	603740	4.867	ng		95
80) Butylbenzylphthalate	13.492	149	142737	3.484	ng		94
81) Benzo(a)anthracene	14.051	228	469614	5.426	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	104037	4.743	ng		96
83) Chrysene	14.086	228	429373	5.170	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	270754	4.537	ng	#	96
85) Di-n-octyl phthalate	14.668	149	348662	4.244	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	142471	5.948	ng		100
88) Benzo(b)fluoranthene	15.104	252	327629	5.295	ng		99
89) Benzo(k)fluoranthene	15.133	252	308824	5.233	ng		100
90) Benzo(a)pyrene	15.474	252	228825	4.883	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	111968	6.068	ng		100
92) Benzo(g,h,i)perylene	17.474	276	115781	5.424	ng		97

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

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