Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135939.D
Acq On : 25 Oct 2023 13:05
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 26 03:50:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:12:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	175979	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	723191	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	368246	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	680675	20.000	ng		0.00
76) Chrysene-d12	14.004	240	494966	20.000	ng		0.00
86) Perylene-d12	15.486	264	428645	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	490878	43.073	ng		0.00
7) Phenol-d6	6.445	99	605471	42.675	ng		-0.01
23) Nitrobenzene-d5	7.387	82	399023	41.316	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	132279	41.039	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1010978	43.960	ng		0.00
79) Terphenyl-d14	12.951	244	1210779	40.870	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	112200	21.194	ng		99
3) Pyridine	3.363	79	307509	21.045	ng		97
4) n-Nitrosodimethylamine	3.322	42	132693	20.827	ng		99
6) Aniline	6.487	93	408684	21.392	ng		99
8) 2-Chlorophenol	6.604	128	253764	21.509	ng		98
9) Benzaldehyde	6.375	77	181044	23.589	ng		96
10) Phenol	6.463	94	316096	21.310	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	247133	21.405	ng		98
12) 1,3-Dichlorobenzene	6.763	146	270501	21.586	ng		97
13) 1,4-Dichlorobenzene	6.840	146	271878	21.602	ng		96
14) 1,2-Dichlorobenzene	6.992	146	256008	21.905	ng		99
15) Benzyl Alcohol	6.963	79	219765	21.911	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	368998	21.702	ng		99
17) 2-Methylphenol	7.069	107	220677	21.223	ng		98
18) Hexachloroethane	7.334	117	92276	21.562	ng		99
19) n-Nitroso-di-n-propyla...	7.234	70	170122	21.086	ng		99
20) 3+4-Methylphenols	7.222	107	275829	21.979	ng		93
22) Acetophenone	7.234	105	348912	21.361	ng	#	89
24) Nitrobenzene	7.404	77	228640	20.646	ng		97
25) Isophorone	7.639	82	476029	20.824	ng		100
26) 2-Nitrophenol	7.716	139	55075	20.221	ng		93
27) 2,4-Dimethylphenol	7.751	122	221369	21.248	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	298137	21.239	ng		100
29) 2,4-Dichlorophenol	7.951	162	197183	21.135	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	222788	21.091	ng		98
31) Naphthalene	8.128	128	749727	21.442	ng		99
32) Benzoic acid	7.839	122	54951	19.176	ng		91
33) 4-Chloroaniline	8.175	127	330426	21.382	ng		97
34) Hexachlorobutadiene	8.245	225	127368	21.393	ng		99
35) Caprolactam	8.528	113	64931	20.914	ng		99
36) 4-Chloro-3-methylphenol	8.645	107	207914	20.971	ng		100
37) 2-Methylnaphthalene	8.816	142	499522	21.593	ng		100
38) 1-Methylnaphthalene	8.916	142	462225	21.383	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	223311	21.471	ng		99
41) Hexachlorocyclopentadiene	8.969	237	104015	20.282	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	128921	21.178	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	150142	20.773	ng		94
46) 1,1'-Biphenyl	9.281	154	602814	21.604	ng		98
47) 2-Chloronaphthalene	9.304	162	438256	21.234	ng		98
48) 2-Nitroaniline	9.398	65	87329	19.784	ng		95
49) Acenaphthylene	9.722	152	693678	21.305	ng		100
50) Dimethylphthalate	9.586	163	506460	21.208	ng		98
51) 2,6-Dinitrotoluene	9.645	165	82136	19.772	ng		89
52) Acenaphthene	9.892	154	438685	21.023	ng		99
53) 3-Nitroaniline	9.810	138	100115	19.855	ng		99
54) 2,4-Dinitrophenol	9.910	184	12556	20.143	ng	#	79
55) Dibenzofuran	10.069	168	642185	21.303	ng		96
56) 4-Nitrophenol	9.957	139	73484	20.259	ng		86
57) 2,4-Dinitrotoluene	10.045	165	93536	19.238	ng		99
58) Fluorene	10.410	166	488659	21.667	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	112964	20.770	ng		98
60) Diethylphthalate	10.286	149	485433	21.317	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	235633	21.659	ng		96
62) 4-Nitroaniline	10.422	138	98181	19.766	ng		97
63) Azobenzene	10.569	77	495780	21.453	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	24425	19.313	ng		89
66) n-Nitrosodiphenylamine	10.522	169	441437	21.467	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	150709	21.620	ng		97
68) Hexachlorobenzene	10.957	284	158737	21.317	ng		94
69) Atrazine	11.051	200	125173	22.330	ng		97
70) Pentachlorophenol	11.151	266	81179	20.511	ng		98
71) Phenanthrene	11.375	178	750162	21.783	ng		99
72) Anthracene	11.427	178	769762	21.830	ng		100
73) Carbazole	11.580	167	683681	21.735	ng		99
74) Di-n-butylphthalate	11.927	149	745307	22.267	ng		99
75) Fluoranthene	12.569	202	803656	22.182	ng		99
77) Benzidine	12.692	184	168595	17.665	ng		99
78) Pyrene	12.798	202	821209	19.760	ng		99
80) Butylbenzylphthalate	13.433	149	275310	19.958	ng		94
81) Benzo(a)anthracene	13.992	228	709986	21.096	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	231564	22.616	ng		99
83) Chrysene	14.033	228	687814	20.984	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	362857	21.233	ng		99
85) Di-n-octyl phthalate	14.621	149	538225	19.993	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	498785	20.521	ng		99
88) Benzo(b)fluoranthene	15.051	252	535903	21.008	ng		99
89) Benzo(k)fluoranthene	15.080	252	563967	22.510	ng		99
90) Benzo(a)pyrene	15.421	252	500748	21.299	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	415930	20.006	ng		98
92) Benzo(g,h,i)perylene	17.445	276	413817	19.894	ng		99

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

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