Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012324\
Data File : BF137135.D
Acq On : 23 Jan 2024 14:37
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 24 03:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 03:42:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	162368	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	643531	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	327106	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	592735	20.000	ng		0.00
76) Chrysene-d12	13.992	240	296113	20.000	ng		0.00
86) Perylene-d12	15.480	264	301474	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1177286	112.803	ng		0.00
7) Phenol-d6	6.451	99	1475872	113.341	ng		0.00
23) Nitrobenzene-d5	7.381	82	1370559	129.453	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	366549	128.519	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2263489	105.680	ng		0.00
79) Terphenyl-d14	12.945	244	2481536	119.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	293428	57.692	ng		99
3) Pyridine	3.357	79	707839	59.256	ng		99
4) n-Nitrosodimethylamine	3.334	42	399771	59.896	ng		99
6) Aniline	6.481	93	938935	57.559	ng		98
8) 2-Chlorophenol	6.598	128	682604	59.486	ng		96
9) Benzaldehyde	6.369	77	404960	56.601	ng		97
10) Phenol	6.463	94	845712	55.787	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	656247	57.210	ng		97
12) 1,3-Dichlorobenzene	6.757	146	699312	56.057	ng		98
13) 1,4-Dichlorobenzene	6.834	146	699276	55.732	ng		99
14) 1,2-Dichlorobenzene	6.981	146	674422	56.298	ng		99
15) Benzyl Alcohol	6.957	79	601771	60.377	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	1076887	54.947	ng		99
17) 2-Methylphenol	7.069	107	540583	57.740	ng		99
18) Hexachloroethane	7.328	117	263581	58.975	ng		99
19) n-Nitroso-di-n-propyla...	7.239	70	481140	57.644	ng		99
20) 3+4-Methylphenols	7.222	107	618292	54.763	ng		93
22) Acetophenone	7.228	105	880615	55.950	ng	#	86
24) Nitrobenzene	7.398	77	707858	67.196	ng		94
25) Isophorone	7.639	82	1331488	59.247	ng		98
26) 2-Nitrophenol	7.710	139	294621	62.555	ng		97
27) 2,4-Dimethylphenol	7.751	122	472496	59.059	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	785007	57.066	ng		100
29) 2,4-Dichlorophenol	7.951	162	533944	60.784	ng		99
30) 1,2,4-Trichlorobenzene	8.033	180	589239	57.095	ng		99
31) Naphthalene	8.116	128	1853259	56.491	ng		99
32) Benzoic acid	7.886	122	395381	61.824	ng		99
33) 4-Chloroaniline	8.163	127	772785	58.309	ng		98
34) Hexachlorobutadiene	8.233	225	333181	57.520	ng		99
35) Caprolactam	8.551	113	180303m	64.796	ng		
36) 4-Chloro-3-methylphenol	8.645	107	580624	59.337	ng		99
37) 2-Methylnaphthalene	8.810	142	1182375	56.098	ng		100
38) 1-Methylnaphthalene	8.904	142	1095226	55.823	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	532336	55.281	ng		100
41) Hexachlorocyclopentadiene	8.957	237	270860	64.356	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	368394	62.383	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	394193	62.096	ng	97
46) 1,1'-Biphenyl	9.275	154	1434255	54.438	ng	98
47) 2-Chloronaphthalene	9.298	162	1114976	55.726	ng	99
48) 2-Nitroaniline	9.392	65	372329	61.910	ng	100
49) Acenaphthylene	9.716	152	1723213	55.512	ng	100
50) Dimethylphthalate	9.580	163	1301064	57.123	ng	100
51) 2,6-Dinitrotoluene	9.639	165	272201	61.782	ng	97
52) Acenaphthene	9.886	154	1093949	56.697	ng	99
53) 3-Nitroaniline	9.810	138	316629	62.080	ng	99
54) 2,4-Dinitrophenol	9.910	184	99018	62.154	ng	97
55) Dibenzofuran	10.057	168	1522796	55.107	ng	98
56) 4-Nitrophenol	9.963	139	252077	68.130	ng	95
57) 2,4-Dinitrotoluene	10.039	165	351811	63.146	ng	98
58) Fluorene	10.404	166	1101925	53.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	319076	62.404	ng	100
60) Diethylphthalate	10.286	149	1266792	57.449	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	528815	53.107	ng	96
62) 4-Nitroaniline	10.427	138	313415	62.537	ng	99
63) Azobenzene	10.557	77	1341517	56.450	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	147625	61.853	ng	92
66) n-Nitrosodiphenylamine	10.522	169	1050795	56.267	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	352530	57.433	ng	93
68) Hexachlorobenzene	10.945	284	391441	56.783	ng	93
69) Atrazine	11.051	200	351082	59.563	ng	99
70) Pentachlorophenol	11.139	266	253779	67.985	ng	99
71) Phenanthrene	11.369	178	1735024	54.641	ng	99
72) Anthracene	11.421	178	1802479	55.822	ng	100
73) Carbazole	11.574	167	1572403	55.753	ng	99
74) Di-n-butylphthalate	11.916	149	1888025	59.012	ng	99
75) Fluoranthene	12.557	202	1750016	55.436	ng	99
77) Benzidine	12.686	184	634023	65.095	ng	99
78) Pyrene	12.792	202	1789260	62.305	ng	99
80) Butylbenzylphthalate	13.421	149	678672	60.850	ng	99
81) Benzo(a)anthracene	13.980	228	1341578	59.619	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	423484	63.453	ng	99
83) Chrysene	14.021	228	1311954	60.558	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	812716	67.924	ng	100
85) Di-n-octyl phthalate	14.609	149	1277668	69.012	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	1301451	67.569	ng	99
88) Benzo(b)fluoranthene	15.045	252	1072038	57.608	ng	99
89) Benzo(k)fluoranthene	15.074	252	1081987	58.505	ng	98
90) Benzo(a)pyrene	15.421	252	991158	60.876	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1051777	67.009	ng	99
92) Benzo(g,h,i)perylene	17.456	276	1042572	68.643	ng	99

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

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