Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137730.D
Acq On : 26 Apr 2024 11:47
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 26 12:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	298467	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1159522	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	642207	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1078546	20.000	ng	0.00
76) Chrysene-d12	14.257	240	707460	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	576936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1478286	75.237	ng	0.00
7) Phenol-d6	6.675	99	1865567	74.768	ng	0.00
23) Nitrobenzene-d5	7.628	82	1668086	76.365	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	512460	79.079	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3085785	71.796	ng	0.00
79) Terphenyl-d14	13.192	244	3396908	77.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	333704	37.929	ng	98
3) Pyridine	3.751	79	889474	37.951	ng	98
4) n-Nitrosodimethylamine	3.722	42	397294	36.322	ng	98
6) Aniline	6.728	93	1151592	37.082	ng	99
8) 2-Chlorophenol	6.845	128	776821	37.874	ng	95
9) Benzaldehyde	6.616	77	477534	34.103	ng	96
10) Phenol	6.686	94	944867	37.906	ng	95
11) bis(2-Chloroethyl)ether	6.792	93	740074	36.400	ng	95
12) 1,3-Dichlorobenzene	7.004	146	811646	37.735	ng	99
13) 1,4-Dichlorobenzene	7.081	146	820355	37.883	ng	99
14) 1,2-Dichlorobenzene	7.234	146	768048	38.103	ng	97
15) Benzyl Alcohol	7.198	79	698467	37.420	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1111155	35.537	ng	99
17) 2-Methylphenol	7.298	107	688672	37.792	ng	98
18) Hexachloroethane	7.581	117	288944	37.701	ng	96
19) n-Nitroso-di-n-propyla...	7.475	70	566268	35.097	ng	97
20) 3+4-Methylphenols	7.451	107	882036	37.476	ng	98
22) Acetophenone	7.469	105	1069463	37.710	ng	98
24) Nitrobenzene	7.645	77	848434	38.445	ng	94
25) Isophorone	7.881	82	1484883	36.602	ng	98
26) 2-Nitrophenol	7.957	139	406797	42.005	ng	93
27) 2,4-Dimethylphenol	7.986	122	729583	37.341	ng	98
28) bis(2-Chloroethoxy)met...	8.086	93	916881	37.002	ng	99
29) 2,4-Dichlorophenol	8.198	162	671968	39.242	ng	98
30) 1,2,4-Trichlorobenzene	8.286	180	677777	38.833	ng	98
31) Naphthalene	8.375	128	2275172	38.452	ng	99
32) Benzoic acid	8.092	122	512018	41.387	ng	96
33) 4-Chloroaniline	8.416	127	959855	38.325	ng	97
34) Hexachlorobutadiene	8.480	225	416769	39.831	ng	99
35) Caprolactam	8.786	113	209656	37.870	ng	95
36) 4-Chloro-3-methylphenol	8.880	107	692843	38.149	ng	98
37) 2-Methylnaphthalene	9.063	142	1542223	37.975	ng	99
38) 1-Methylnaphthalene	9.163	142	1430151	37.665	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	684796	38.895	ng	100
41) Hexachlorocyclopentadiene	9.210	237	400037	40.551	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	474499	38.417	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	547867	38.704	ng		98
46) 1,1'-Biphenyl	9.527	154	1764225	37.762	ng		98
47) 2-Chloronaphthalene	9.557	162	1368282	37.993	ng		97
48) 2-Nitroaniline	9.645	65	435174	39.654	ng		94
49) Acenaphthylene	9.975	152	2121816	37.780	ng		99
50) Dimethylphthalate	9.822	163	1673473	37.401	ng		99
51) 2,6-Dinitrotoluene	9.886	165	371628	39.420	ng		92
52) Acenaphthene	10.145	154	1378910	37.917	ng		100
53) 3-Nitroaniline	10.057	138	418403	39.493	ng		96
54) 2,4-Dinitrophenol	10.157	184	187170	40.346	ng	#	57
55) Dibenzofuran	10.316	168	2022398	37.938	ng		99
56) 4-Nitrophenol	10.198	139	321650	39.040	ng		97
57) 2,4-Dinitrotoluene	10.292	165	486273	40.915	ng		89
58) Fluorene	10.663	166	1556182	37.361	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	422223	38.521	ng		99
60) Diethylphthalate	10.522	149	1579016	36.691	ng		99
61) 4-Chlorophenyl-phenyle...	10.651	204	792091	38.486	ng		94
62) 4-Nitroaniline	10.674	138	395928	39.236	ng		99
63) Azobenzene	10.810	77	1599778	36.276	ng		98
65) 4,6-Dinitro-2-methylph...	10.698	198	262909	42.514	ng		86
66) n-Nitrosodiphenylamine	10.769	169	1387671	37.988	ng		100
67) 4-Bromophenyl-phenylether	11.139	248	485915	38.881	ng		98
68) Hexachlorobenzene	11.210	284	483215	39.688	ng	#	91
69) Atrazine	11.286	200	372569	36.896	ng		98
70) Pentachlorophenol	11.398	266	357236	39.005	ng		98
71) Phenanthrene	11.627	178	2172279	38.048	ng		100
72) Anthracene	11.680	178	2233422	38.202	ng		100
73) Carbazole	11.833	167	2009052	37.919	ng		99
74) Di-n-butylphthalate	12.151	149	2334000	36.137	ng		100
75) Fluoranthene	12.821	202	2239647	37.321	ng		99
77) Benzidine	12.939	184	677673	41.012	ng		99
78) Pyrene	13.057	202	2281959	39.298	ng		99
80) Butylbenzylphthalate	13.663	149	815880	39.621	ng		91
81) Benzo(a)anthracene	14.245	228	1894266	38.389	ng		99
82) 3,3'-Dichlorobenzidine	14.204	252	568344	37.227	ng	#	96
83) Chrysene	14.286	228	1768375	38.355	ng		99
84) Bis(2-ethylhexyl)phtha...	14.215	149	1166660	37.515	ng		99
85) Di-n-octyl phthalate	14.845	149	1637949	35.064	ng		100
87) Indeno(1,2,3-cd)pyrene	17.468	276	1323876	41.384	ng		99
88) Benzo(b)fluoranthene	15.351	252	1417297	38.390	ng		99
89) Benzo(k)fluoranthene	15.386	252	1398485	38.536	ng		99
90) Benzo(a)pyrene	15.762	252	1263720	38.157	ng		98
91) Dibenzo(a,h)anthracene	17.492	278	1109637	41.799	ng		99
92) Benzo(g,h,i)perylene	17.974	276	1089394	42.202	ng		97

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

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