Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044020.D
Acq On : 08 Feb 2024 13:55
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 09 02:32:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:29:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.910	152	318199	20.000 ng	0.00
21) Naphthalene-d8	10.710	136	1358488	20.000 ng	0.00
39) Acenaphthene-d10	14.551	164	813185	20.000 ng	0.00
64) Phenanthrene-d10	17.304	188	1620798	20.000 ng	0.00
76) Chrysene-d12	21.503	240	1341821	20.000 ng	0.00
86) Perylene-d12	23.897	264	1502270	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.481	112	226596	10.357 ng	0.00
7) Phenol-d6	7.069	99	283334	10.179 ng	-0.01
23) Nitrobenzene-d5	9.075	82	256452	10.017 ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	80059	9.093 ng	0.00
45) 2-Fluorobiphenyl	13.180	172	623737	10.825 ng	0.00
79) Terphenyl-d14	19.945	244	827211	10.807 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.387	88	45532	5.244 ng	99
3) Pyridine	3.787	79	113138	4.932 ng	95
4) n-Nitrosodimethylamine	3.710	42	40805	4.692 ng	# 98
6) Aniline	7.239	93	135179	4.939 ng	99
8) 2-Chlorophenol	7.469	128	116664	5.106 ng	98
10) Phenol	7.098	94	141918	5.052 ng	100
11) bis(2-Chloroethyl)ether	7.345	93	117003	5.029 ng	100
12) 1,3-Dichlorobenzene	7.792	146	135289	5.216 ng	99
13) 1,4-Dichlorobenzene	7.945	146	136511	5.221 ng	97
14) 1,2-Dichlorobenzene	8.257	146	129951	5.216 ng	99
15) Benzyl Alcohol	8.157	79	88104	4.861 ng	95
16) 2,2'-oxybis(1-Chloropr...	8.445	45	153105	5.191 ng	95
17) 2-Methylphenol	8.351	107	92270	5.003 ng	97
18) Hexachloroethane	8.981	117	49213	5.027 ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	88126	5.156 ng	97
20) 3+4-Methylphenols	8.681	107	122941	4.844 ng	98
22) Acetophenone	8.739	105	174658	5.065 ng	# 99
24) Nitrobenzene	9.116	77	131301	5.008 ng	97
25) Isophorone	9.645	82	241564	4.900 ng	99
26) 2-Nitrophenol	9.828	139	52443	4.315 ng	99
27) 2,4-Dimethylphenol	9.886	122	73520	4.730 ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	161316	5.060 ng	99
29) 2,4-Dichlorophenol	10.357	162	94378	4.612 ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	116990	5.084 ng	99
31) Naphthalene	10.763	128	385473	5.141 ng	100
33) 4-Chloroaniline	10.880	127	139966	4.930 ng	98
34) Hexachlorobutadiene	11.039	225	66659	5.061 ng	98
35) Caprolactam	11.645	113	28868	4.384 ng	99
36) 4-Chloro-3-methylphenol	11.998	107	104097	4.698 ng	99
37) 2-Methylnaphthalene	12.374	142	259532	5.197 ng	98
38) 1-Methylnaphthalene	12.592	142	258225	5.262 ng	97
40) 1,2,4,5-Tetrachloroben...	12.739	216	118451	5.011 ng	99
41) Hexachlorocyclopentadiene	12.710	237	47783	4.632 ng	98
43) 2,4,6-Trichlorophenol	12.986	196	73665	4.579 ng	100
44) 2,4,5-Trichlorophenol	13.051	196	79053	4.478 ng	97
46) 1,1'-Biphenyl	13.392	154	327482	5.104 ng	99

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
47)	2-Chloronaphthalene	13.427	162	255096	5.019 ng		99
48)	2-Nitroaniline	13.639	65	64068	4.480 ng		92
49)	Acenaphthylene	14.274	152	375952	4.958 ng		99
50)	Dimethylphthalate	14.021	163	308358	5.114 ng		100
51)	2,6-Dinitrotoluene	14.139	165	61112	4.594 ng		95
52)	Acenaphthene	14.615	154	242770	5.173 ng		99
53)	3-Nitroaniline	14.468	138	61002	4.267 ng		89
55)	Dibenzofuran	14.951	168	381337	5.250 ng		99
56)	4-Nitrophenol	14.768	139	45266	3.895 ng		98
57)	2,4-Dinitrotoluene	14.927	165	74503	4.285 ng	#	98
58)	Fluorene	15.604	166	306788	5.466 ng		99
59)	2,3,4,6-Tetrachlorophenol	15.174	232	66006	4.765 ng		97
60)	Diethylphthalate	15.386	149	316490	5.079 ng		100
61)	4-Chlorophenyl-phenyle...	15.604	204	148239	5.450 ng		96
62)	4-Nitroaniline	15.627	138	60524	4.206 ng		97
63)	Azobenzene	15.898	77	289152	4.946 ng		99
66)	n-Nitrosodiphenylamine	15.815	169	249273	5.062 ng		100
67)	4-Bromophenyl-phenylether	16.498	248	78112	4.874 ng		97
68)	Hexachlorobenzene	16.598	284	100459	5.118 ng		98
69)	Atrazine	16.774	200	76403	5.730 ng		97
70)	Pentachlorophenol	16.945	266	55752	4.366 ng		100
71)	Phenanthrene	17.345	178	446459	5.216 ng		99
72)	Anthracene	17.439	178	430302	5.078 ng		99
73)	Carbazole	17.715	167	415470	5.042 ng		100
74)	Di-n-butylphthalate	18.292	149	505816	4.722 ng		100
75)	Fluoranthene	19.368	202	489592	5.092 ng		99
77)	Benzidine	19.568	184	115823	5.554 ng		98
78)	Pyrene	19.727	202	509098	4.926 ng		100
80)	Butylbenzylphthalate	20.650	149	192780	4.197 ng		99
81)	Benzo(a)anthracene	21.486	228	468067	5.015 ng		99
82)	3,3'-Dichlorobenzidine	21.427	252	149174	4.871 ng		98
83)	Chrysene	21.539	228	443413	5.028 ng		99
84)	Bis(2-ethylhexyl)phtha...	21.439	149	308261	4.548 ng		99
85)	Di-n-octyl phthalate	22.374	149	500443	4.228 ng		98
87)	Indeno(1,2,3-cd)pyrene	26.374	276	525133	4.939 ng		100
88)	Benzo(b)fluoranthene	23.168	252	461705	4.917 ng		98
89)	Benzo(k)fluoranthene	23.221	252	459303	5.147 ng		99
90)	Benzo(a)pyrene	23.791	252	404101	4.927 ng		99
91)	Dibenzo(a,h)anthracene	26.409	278	445877	5.013 ng		99
92)	Benzo(g,h,i)perylene	27.138	276	446143	4.946 ng		98

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

Quantitation Report (QT Reviewed)

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