Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035287.D
Acq On : 27 May 2022 13:44
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: May 27 14:51:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 14:48:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	87241	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	310257	20.000	ng	#	0.00
39) Acenaphthene-d10	14.515	164	196336	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	423755	20.000	ng	#	0.00
76) Chrysene-d12	21.439	240	487500	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	515957	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	365258	80.917	ng		0.00
7) Phenol-d6	7.051	99	456879	72.900	ng		0.00
23) Nitrobenzene-d5	9.034	82	425244	79.010	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	248979	77.548	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	1171369	84.768	ng		0.00
79) Terphenyl-d14	19.880	244	1952460	78.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	67762	41.793	ng		88
3) Pyridine	3.757	79	175904	37.926	ng		88
4) n-Nitrosodimethylamine	3.669	42	76439	35.863	ng	#	79
6) Aniline	7.204	93	238508	35.001	ng		95
8) 2-Chlorophenol	7.439	128	205099	37.925	ng		90
9) Benzaldehyde	7.016	77	108503	31.361	ng		89
10) Phenol	7.075	94	218512	35.958	ng		96
11) bis(2-Chloroethyl)ether	7.298	93	168127	35.637	ng		92
12) 1,3-Dichlorobenzene	7.763	146	244134	39.945	ng		96
13) 1,4-Dichlorobenzene	7.910	146	249634	39.446	ng		99
14) 1,2-Dichlorobenzene	8.228	146	240300	38.310	ng		98
15) Benzyl Alcohol	8.122	79	156410	33.163	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	186046	31.483	ng		90
17) 2-Methylphenol	8.328	107	155139	34.796	ng		95
18) Hexachloroethane	8.957	117	81040	37.885	ng	#	79
19) n-Nitroso-di-n-propyla...	8.686	70	125679	30.980	ng		87
20) 3+4-Methylphenols	8.657	107	213951	34.118	ng		97
22) Acetophenone	8.698	105	284021	39.007	ng	#	93
24) Nitrobenzene	9.081	77	194769	39.667	ng		94
25) Isophorone	9.610	82	313312	35.318	ng		95
26) 2-Nitrophenol	9.792	139	112190	40.413	ng		89
27) 2,4-Dimethylphenol	9.857	122	149549	38.966	ng		96
28) bis(2-Chloroethoxy)met...	10.092	93	216347	37.021	ng		100
29) 2,4-Dichlorophenol	10.328	162	200867	39.865	ng		97
30) 1,2,4-Trichlorobenzene	10.539	180	243043	41.983	ng		97
31) Naphthalene	10.728	128	607900	39.849	ng		99
32) Benzoic acid	10.010	122	129685	34.701	ng		93
33) 4-Chloroaniline	10.839	127	237485	36.714	ng	#	94
34) Hexachlorobutadiene	11.016	225	162826	42.455	ng		99
35) Caprolactam	11.627	113	53628	33.212	ng	#	76
36) 4-Chloro-3-methylphenol	11.969	107	185335	35.421	ng		99
37) 2-Methylnaphthalene	12.339	142	424358	37.051	ng		98
38) 1-Methylnaphthalene	12.557	142	418070	37.060	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	281958	45.174	ng	#	95
41) Hexachlorocyclopentadiene	12.692	237	142361	45.663	ng		97
43) 2,4,6-Trichlorophenol	12.951	196	179694	42.941	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	190127	41.821	ng	#	91
46) 1,1'-Biphenyl	13.351	154	586500	41.873	ng		98
47) 2-Chloronaphthalene	13.392	162	459045	42.234	ng		98
48) 2-Nitroaniline	13.592	65	104976	37.662	ng		86
49) Acenaphthylene	14.233	152	683589	40.652	ng		99
50) Dimethylphthalate	13.974	163	567134	38.225	ng	#	99
51) 2,6-Dinitrotoluene	14.092	165	121800	39.103	ng	#	79
52) Acenaphthene	14.580	154	413139	40.460	ng		98
53) 3-Nitroaniline	14.421	138	118978	38.485	ng		91
54) 2,4-Dinitrophenol	14.633	184	79550	36.240	ng	#	78
55) Dibenzofuran	14.910	168	702350	39.865	ng		94
56) 4-Nitrophenol	14.739	139	96468	36.644	ng	#	83
57) 2,4-Dinitrotoluene	14.880	165	168372	38.331	ng	#	83
58) Fluorene	15.563	166	555391	39.156	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	175586	39.720	ng	#	82
60) Diethylphthalate	15.339	149	543813	36.166	ng		97
61) 4-Chlorophenyl-phenyle...	15.557	204	312290	39.638	ng		90
62) 4-Nitroaniline	15.580	138	124721	37.700	ng		95
63) Azobenzene	15.851	77	416493	36.326	ng		89
65) 4,6-Dinitro-2-methylph...	15.645	198	117990	39.907	ng		82
66) n-Nitrosodiphenylamine	15.768	169	484702	41.240	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	202282	41.351	ng	#	88
68) Hexachlorobenzene	16.568	284	231936	41.948	ng	#	84
69) Atrazine	16.721	200	169016	37.965	ng		95
70) Pentachlorophenol	16.915	266	140335	40.888	ng		99
71) Phenanthrene	17.298	178	880825	40.285	ng		99
72) Anthracene	17.392	178	869022	40.345	ng		99
73) Carbazole	17.662	167	830913	39.845	ng		98
74) Di-n-butylphthalate	18.233	149	907096	37.014	ng		99
75) Fluoranthene	19.315	202	1074934	39.341	ng		97
77) Benzidine	19.503	184	366127	47.901	ng		99
78) Pyrene	19.674	202	1130533	39.571	ng		99
80) Butylbenzylphthalate	20.580	149	417793	36.017	ng	#	86
81) Benzo(a)anthracene	21.427	228	1214750	39.946	ng		98
82) 3,3'-Dichlorobenzidine	21.356	252	308139	40.503	ng	#	99
83) Chrysene	21.480	228	1157036	39.863	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	605617	34.704	ng	#	96
85) Di-n-octyl phthalate	22.274	149	1041343	34.963	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.262	276	1516442	44.442	ng	#	94
88) Benzo(b)fluoranthene	23.091	252	1230355	40.149	ng	#	98
89) Benzo(k)fluoranthene	23.138	252	1199360	39.333	ng	#	98
90) Benzo(a)pyrene	23.703	252	1023786	40.251	ng	#	98
91) Dibenzo(a,h)anthracene	26.274	278	1253241	43.872	ng	#	96
92) Benzo(g,h,i)perylene	27.015	276	1241301	45.201	ng	#	93

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

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