Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035367.D
Acq On : 02 Jun 2022 17:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 03 01:42:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	190181	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	789950	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	547338	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1126105	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1018600	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1035496	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	762535	84.253	ng		0.00
7) Phenol-d6	7.039	99	1007766	81.516	ng		0.00
23) Nitrobenzene-d5	9.016	82	932814	74.980	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	684344	77.927	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	3153121	82.741	ng		0.00
79) Terphenyl-d14	19.868	244	4418670	86.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	134757	44.384	ng	#	85
3) Pyridine	3.734	79	362442	43.776	ng	#	84
4) n-Nitrosodimethylamine	3.646	42	133414	42.705	ng	#	61
6) Aniline	7.181	93	535834	39.652	ng		95
8) 2-Chlorophenol	7.422	128	458396	40.364	ng		89
9) Benzaldehyde	6.992	77	225123	44.384	ng		89
10) Phenol	7.063	94	487684	40.920	ng		89
11) bis(2-Chloroethyl)ether	7.281	93	382538	39.459	ng		90
12) 1,3-Dichlorobenzene	7.739	146	527854	39.800	ng	#	94
13) 1,4-Dichlorobenzene	7.886	146	540037	39.659	ng		97
14) 1,2-Dichlorobenzene	8.204	146	531167	39.780	ng		97
15) Benzyl Alcohol	8.104	79	347144	38.428	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.386	45	438851	37.128	ng		91
17) 2-Methylphenol	8.310	107	357144	39.639	ng		93
18) Hexachloroethane	8.928	117	180854	40.718	ng	#	85
19) n-Nitroso-di-n-propyla...	8.669	70	296092	37.873	ng	#	83
20) 3+4-Methylphenols	8.639	107	498923	39.562	ng		92
22) Acetophenone	8.681	105	657224	37.424	ng	#	89
24) Nitrobenzene	9.057	77	421994	37.446	ng		89
25) Isophorone	9.592	82	818257	38.028	ng	#	92
26) 2-Nitrophenol	9.769	139	297431	40.334	ng	#	83
27) 2,4-Dimethylphenol	9.839	122	389030	39.782	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	571538	38.435	ng		99
29) 2,4-Dichlorophenol	10.316	162	522608	39.193	ng		96
30) 1,2,4-Trichlorobenzene	10.522	180	617453	40.254	ng		97
31) Naphthalene	10.704	128	1555155	40.631	ng		100
32) Benzoic acid	10.028	122	349384	39.941	ng		90
33) 4-Chloroaniline	10.816	127	646951	40.362	ng	#	94
34) Hexachlorobutadiene	10.992	225	414362	40.854	ng		99
35) Caprolactam	11.627	113	150558	38.364	ng	#	72
36) 4-Chloro-3-methylphenol	11.963	107	486946	39.613	ng		92
37) 2-Methylnaphthalene	12.316	142	1145713	39.669	ng		96
38) 1-Methylnaphthalene	12.533	142	1101510	38.918	ng		99
40) 1,2,4,5-Tetrachloroben...	12.692	216	744107	41.469	ng	#	95
41) Hexachlorocyclopentadiene	12.669	237	325205	39.750	ng		97
43) 2,4,6-Trichlorophenol	12.933	196	496045	40.957	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	533951	41.064	ng	#	89
46) 1,1'-Biphenyl	13.327	154	1607030	41.189	ng		98
47) 2-Chloronaphthalene	13.374	162	1265588	41.578	ng		96
48) 2-Nitroaniline	13.580	65	276759	40.914	ng	#	77
49) Acenaphthylene	14.215	152	1897170	40.928	ng		100
50) Dimethylphthalate	13.963	163	1588194	39.471	ng		98
51) 2,6-Dinitrotoluene	14.080	165	347002	40.400	ng	#	68
52) Acenaphthene	14.563	154	1140339	40.627	ng		99
53) 3-Nitroaniline	14.410	138	330411	40.524	ng		84
54) 2,4-Dinitrophenol	14.621	184	217368	36.994	ng	#	71
55) Dibenzofuran	14.892	168	1921115	39.849	ng		92
56) 4-Nitrophenol	14.733	139	243335	39.766	ng	#	78
57) 2,4-Dinitrotoluene	14.868	165	456343	38.813	ng	#	78
58) Fluorene	15.545	166	1492900	39.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.127	232	474601	39.651	ng	#	79
60) Diethylphthalate	15.321	149	1509072	37.926	ng		96
61) 4-Chlorophenyl-phenyle...	15.539	204	853180	39.493	ng	#	87
62) 4-Nitroaniline	15.568	138	326661	38.399	ng		84
63) Azobenzene	15.833	77	1131861	40.063	ng		84
65) 4,6-Dinitro-2-methylph...	15.633	198	318731	42.132	ng		77
66) n-Nitrosodiphenylamine	15.757	169	1344183	42.299	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	562608	41.216	ng	#	85
68) Hexachlorobenzene	16.551	284	629389	41.222	ng	#	85
69) Atrazine	16.709	200	459556	39.298	ng		96
70) Pentachlorophenol	16.898	266	355270	42.571	ng		99
71) Phenanthrene	17.280	178	2334016	40.949	ng		99
72) Anthracene	17.374	178	2307356	40.633	ng		99
73) Carbazole	17.645	167	2128244	39.797	ng		97
74) Di-n-butylphthalate	18.209	149	2506274	37.741	ng		98
75) Fluoranthene	19.297	202	2592906	37.684	ng		97
77) Benzidine	19.486	184	788301	41.112	ng		99
78) Pyrene	19.662	202	2655582	42.992	ng		100
80) Butylbenzylphthalate	20.562	149	1002920	38.225	ng	#	82
81) Benzo(a)anthracene	21.409	228	2551280	40.795	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	652060	39.649	ng	#	99
83) Chrysene	21.462	228	2428749	40.673	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1512754	38.279	ng	#	93
85) Di-n-octyl phthalate	22.250	149	2648549	38.343	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.226	276	2954726	43.014	ng		95
88) Benzo(b)fluoranthene	23.068	252	2500185	41.920	ng		98
89) Benzo(k)fluoranthene	23.115	252	2372776	38.878	ng		98
90) Benzo(a)pyrene	23.680	252	2060651	40.580	ng		97
91) Dibenzo(a,h)anthracene	26.244	278	2463829	42.973	ng	#	97
92) Benzo(g,h,i)perylene	26.979	276	2412926	43.632	ng		95

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

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